COM 161922+ COM
PERIODICALS DIVISION
W209 PATTEE LIBRARY
PENNSYLVANIA STATE UNIVERSITY
UNIVERSITY PARK PA 16802

Lancaster Farming

VOL. 29 No. 42 | Six Sections | Lancaster Farming, Saturday, August 18, 1984 | $7.50 per Year

Ag Progress opens on Tuesday at Penn State

Providing higher

Research
Production
Marketing

For Farming

AG PROGRESS

Triple farm commitment is featured for all to see

ROCK SPRINGS — Penn State showcases its triple-pronged commitment to agriculture — Research, Production and Marketing — at Ag Progress Days at the Rock Springs Research Farm Tuesday through Thursday.

This three-pronged ag commitment is highlighted inside:

Research — Page A30

Penn State's Hort Farm with its wide diversity of research is just one phase of ag studies that are conducted in agronomy, plant pathology, entomology and pastures.

Production — Page A34

When you think of ag progress in Pennsylvania, you always must consider forage production gains in recent years. After all, Ag Progress grew out of earlier grassland and forage field days.

Marketing — Page A36

Members of the Ag Economics and Rural Sociology Department at Penn State are involved in a wide variety of ag marketing studies. From direct marketing to how the casual food shopper thinks and from pseudorabies to career singles and their vegetable preferences, these studies are aimed at helping Pennsylvania agriculture tighten its grip on that final step involving food products — marketing.

And, the first letters of this triple commitment of Research, Production and Marketing signify RPM's — which represent the role of mechanization and equipment improvements in ag progress. Some 300 exhibitors will display more than $20 million worth at Ag Progress.

But Ag Progress also can be found in the everyday activities of members of the state's ag community — And plenty of features about this type of ag progress are found inside, too.

As a comprehensive living outdoor exhibit and extravaganza, Ag Progress has no rival. It's well worth a visit from 9 a.m. to 5 p.m. Tuesday through Thursday.

Corn canyons A22 | **Swimming cows** A32 | **Round hog houses** D14 | **Flooded farm** F2 | **Map & exhibitors** F21

Ag students to exhibit and sell Pa. food products

Old Country Store located in barn to show state's farming diversity

BY LAURA ENGLAND

ROCK SPRINGS — The visitor to Penn State's Ag Progress Days knows that the agricultural extravaganza provides a perfect setting for teaching, learning and catching up on the latest in agriculture technology.

The visitor also knows that the event provides for an agricultural "shopping spree." It is not uncommon for Ag Progress visitors to leave the site with an armload of brochures, pencils, writing pads and plastic litter bags strewn with company logos. And tucked in among these items might be an intent to buy a new, modern farm implement.

For this year's annual shopping spree at Ag Progress, visitors might want to keep at least one arm free to carry bagfulls of a new, special item. For the first time at Ag Progress, visitors will be able to buy authentic, Pennsylvania grown and processed agriculture food products.

In an attempt to promote Pennsylvania agricultural products and in turn increase sales of these items, an Ag Commodities Booth has been added to the list of Ag Progress features. Designed to depict an old-fashioned country store, the booth is the brainchild of Penn State's College of Agriculture Student Council.

The need to sell agriculture products was a result of previous Ag Progress evaluations, according to student council member Philip Price II, who is chairman of the Ag Commodities Booth committee.

"The evaluation of Ag Progress showed an interest in this," Price said, "and we met in late October to try and solve the problem."

The "we" who met last October included Ag Student Council

(Turn to Page A26)

Surrounded by Pennsylvania food products which will be sold during Ag Progress Days, is Penn State student Phil Price, chairman of the Ag Commodities Booth committee.

Livestock market and auction news

Lancaster Market

Monday, Aug. 13
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	1541	145	776	489
Last Monday	984	184	951	360
Last Year	1575	117	1215	384
Monday's Auction	1371	163	770	732
Last Monday's Auction	997	198	866	362

CATTLE: Compared to last Monday slaughter steers firm to 50 higher; slaughter heifer 50-1.00 higher; cows firm to 50 higher; bullocks steady; bulls weak to 1.00 lower. Supply included 71 percent steers; 10 percent heifers; 10 percent bulls and 9 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1250-1440 lb. 69.75-71.10, five head 1290 lb. 72.10; Choice, with end Prime 2-4 1165-1410 lb. 67.00-68.85; Choice 2-4 1100-1500 lb. 64.50-67.85; Choice 2-3 950-1100 lb. 63.00-65.00; high Good and low Choice 2-3 925-1300 lb. 62.00-65.00; Good 2-3 900-1225 lb. 56.00-61.00; Good and Choice 1150-1525 lb. Holsteins 53.75-57.50; Standard 1150-1350 lb. 45.75-51.50.

SLAUGHTER HEIFERS: Choice 2-3 950-1150 lb. 59.25-62.50, few Choice 2 62.50-63.00; Good 2-3 900-1150 lb. 52.75-58.50.

COWS: Breaking Utility and Commercial 2-4 42.50-44.50, few 44.50-45.50; Cutter and Boning Utility 1-3 39.00-43.00, few 43.00-44.00; Canner and low Cutter 36.00-39.00.

BULLOCKS: Choice 950-1150 lb. 54.50-58.75, couple 59.00-61.00; Good 950-1200 lb. 50.75-54.00.

BULLS: Yield grade 1 1300-1800 lb. 49.75-52.75, couple 53.00-54.75, three head 2111-2615 lb. 45.50-47.75; yield grade 2 1000-1700 lb. 46.00-50.00.

VEAL CALVES: Vealers mostly steady. Demand fair for Holstein bulls to return to farm. Supply included 10 Prime special fed 334 lb. bought to arrive at 103.00.

VEALERS: Few high Choice and Prime 180-350 lb. 85.00-100.00; Choice 150-320 lb. 70.00-85.00; high Good and low Choice 160-350 lb. 60.00-75.00, 120-160 lb. 55.00-70.00, 80-115 lb. 40.00-55.00.

RETURNED TO FARM: Few 95-125 lb. Holstein bulls 55.00-75.00.

SHEEP: Spring lambs 2.00-3.00 lower; slaughter ewes steady, instances 5.00 lower. Supply included around 275 goats.

SPRING LAMBS: Choice and Prime 85-112 lb. 60.00-63.00, few 63.00-65.00; Choice 75-105 lb. 55.00-60.00; Good 65-90 lb. 52.00-55.00, few 35-60 lb. 56.00-59.00.

SLAUGHTER EWES: Utility and Good 18.00-23.00.

GOATS: All goats sold by the head. Bulk mature goats 30.00-45.00; few big billies 50.00-60.00; kids 15.00-25.00.

Vintage Auction

Tuesday, Aug. 14
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1154	1033	14	1
Last Tuesday	1073	1014	19	0
Last Year	1683	938	27	1

CATTLE: Compared to last Tuesday slaughter steers 50-1.00 lower, instances 1.50 lower; slaughter heifers fully steady; cows uneven, Utility and Commercial 50 higher, Canner and Cutter 50-1.00 lower; bulls scarce. Supply included 67 percent slaughter steers and 29 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1500 lb. 67.60-70.00, mix head 70.10-71.00; Good and Choice 1-2 1100-1425 lb. 66.75-70.00, eight head 70.50-72.35; Choice 2-4 1000-1400 lb. 64.25-67.75, few 68.00-68.50; high Good and low Choice 2-3 61.50-64.60; Good 2-3 58.50-61.50; Good and Choice 1225-1600 lb Holstein 51.85-55.50, couple Choice 56.85-57.25; Standard 1020-1200 lb. 50.00-52.00.

SLAUGHTER HEIFERS: Choice 2 1080-1355 lb. 64.00-67.50; few Choice 2-3 980-1310 lb. 62.00-63.75.

COWS: Breaking Utility and Commercial 2-4 42.50-45.50, few 45.50-46.50; Cutter and Boning Utility 38.50-43.50, few 43.50-45.25; Canner and low Cutter 34.50-39.00.

BULLS: Few yield grade 1 1400-1850 lb. 49.25-51.60.

VEAL CALVES: Vealers steady to weak. Supply included 635 in graded sale of which 69 percent sold to return to farm.

VEALERS: Individual Prime 315 lb 90.00; couple Choice 220-240 lb 70.00-82.00; high Good and low Choice 160-250 lb. 51.00-65.00, 120-160 lb. 50.00-60.00, 80-115 lb. 35.00-40.00, few 42.00-45.00, 60-80 lb. 25.00-35.00.

RETURNED TO FARM: 50 head 90-105 lb Holstein heifers 67.00-69.00, 25 head 80-90 lb. 58.00-60.00; 25 head 120-125 lb Holstein bulls 67.00, 200 head 100-115 lb 70.00-76.00, 45 head 90-95 lb. 67.00-68.00; 25 head 110-120 lb small frame 57.00-63.00 and 65 small frame 2100-105 lb 43.00-48.00.

SHEEP: Insufficient volume for a market test, few head Good and Choice 40-65 lb. spring lambs 52.00-64.00; few Utility and Good slaughter ewes 19.00-24.00.

GOATS: Individual 36.00.

Lancaster Auction

Wednesday, Aug. 15
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	199	24	731	4
Last Wednesday	282	50	476	22
Last Year	163	48	713	8
Wednesday's Auction	143	25	716	4
Last Wednesday's Auction	202	48	543	5

CATTLE: Insufficient volume of anyone class for a market test, few sales steers and cows mostly steady. Supply included 66% steers and 24% cows.

SLAUGHTER STEERS: Few Choice 2-3 1150-1350 lb. 63.75-67.00; high Good and low Choice 2-3 1000-1250 lb. 60.75-64.00; couple Good 2-3 56.50-61.00; Good and Choice 1250-1500 lb Holsteins 53.00-55.50, few Choice 57.00-58.25; Standard and Good 1100-1350 lb. 49.00-52.00.

COWS: Couple Breaking Utility 2-3 44.25-44.50; few Boning Utility 1-2 41.75-42.75, couple Cutter 1-2 39.00-39.50; Canner and low Cutter 35.75-38.25.

BULLS: An individual yield grade 1 1315 lb. 51.25, couple 2000-2115 lb 46.35-47.25.

VEAL CALVES: Market not tested, few high Good and low Choice 80-110 lb 40.00-50.00.

SHEEP: Couple Choice spring lambs 60.00 and couple Good 50.00.

New Holland Livestock

Thursday, August 16
Report Supplied by USDA

CATTLE: 1256. Compared to last Thursday slaughter steers 1.00-1.50 lower, instances 2.00 lower; slaughter heifers scarce; cows firm to 1.00 higher, fully advance on breaking Utility and Commercial bullocks 1.00 higher; bulls fully steady. Supply included 61 percent slaughter steers and 32 percent cows.

SLAUGHTER STEERS: High Choice and Prime 2-4 1150-1425 lb. 66.60-70.00, mainly 67.50-69.35; Choice 2-4 1000-1300 lb 64.00-67.10, few lots 67.25-68.00; high Good and low Choice 2-3 1000-1250 lb 62.00-64.50; Good 2-3 59.00-62.00; Good and Choice 1200-1560 lb Holsteins 52.00-54.00, few Choice 55.25-57.10; Standard 46.00-51.25, few Utility 41.00-43.75.

COWS: Breaking Utility and Commercial 2-4 43.00-46.50, few 47.00-49.00; Cutter and boning Utility 1-3 39.50-43.50, few 43.50-44.75; Canner and low Cutter 36.00-39.50, couple 39.75-40.75.

BULLOCKS: Choice 1050-1300 lb 57.50-61.50; Good 1000-1250 lb 52.00-56.75.

BULLS: Yield grade 1 1300-1850 lb few 1900-2075 lb 49.50-53.00, couple 55.00-57.00; yield grade 2 1000-1450 lb 45.00-49.50.

VEAL CALVES: 811. Choice and Prime vealers mostly steady, Good to low Choice weak to 5.00 lower. Demand fair for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 240-350 lb 94.00-98.00, few 101.00-104.00; Choice 160-330 lb 72.00-94.00; high Good and low Choice 160-350 lb 55.00-75.00, 120-150 lb 47.00-55.00, 80-115 lb 40.00-47.00, few 60-90 lb 32.00-40.00.

RETURNED TO FARM: Bulk 90-120 lb Holstein bulls 48.00-65.00, few 65.00-75.00; several 85-100 lb 45.00-50.00.

SHEEP: 76. Spring lambs 5.00-10.00 higher; slaughter ewes steady.

SPRING LAMBS: Choice 40-100 lb 72.00-79.00, few 81.00-89.00; Good 40-80 lb 59.00-68.00.

SLAUGHTER EWES: 15.00-28.00.

GOATS: 32. All goats sold by the head, mainly 25.00-39.00, few 41.00-52.00 with two head 61.00.

Lancaster County Weekly

Friday, August 17

	Cattle	Calves
This Week	4600	2025
Last Week	4231	1972
Last Year	5569	1762

CATTLE: Slaughter steers 1.00-1.50 lower, instances 2.00 lower; slaughter heifers .50-1.00 higher; cows uneven, Utility and Commercial firm to 1.00 higher, Canner and Cutter weak to .50 lower; bullocks 1.00 higher; bulls fully steady. Supply included 50 per cent slaughter steers, 4 per cent slaughter heifers, 19 per cent cows, 5 per cent bulls, balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1450 lbs. 66.60-70.00, few 71.00-72.10; Good and Choice 1-2 1100-1300 lbs. 66.75-70.00, couple 70.50-72.35; Choice 2-4 1000-1400 lbs. 64.00-67.00, several early 67.00-68.50; high Good and low Choice 2-3 1000-1250 lbs. 61.50-64.75, Good 2-3 56.00-62.00; Good and Choice 1200-1600 lb. holsteins 51.75-55.50, few Choice 55.50-57.50; Standard 1100-1450 lbs. 46.00-52.00.

SLAUGHTER HEIFERS: Choice 2-3 900-1250 lbs. 59.25-62.50; few Choice 2 1050-1350 lbs. 63.00-67.50; Good 2-3 900-1150 lbs. 52.75-58.50.

COWS: Breaking Utility and Commercial 2-4 42.50-46.50, few late 47.00-49.00; Cutter and Boning Utility 1-3 39.00-43.50, few 43.50-44.75, Canner and low Cutter 36.00-39.50, few 34.50-36.00.

BULLOCKS: Choice 1050-1300 lbs. 57.50-61.00; Good 1000-1250 lbs. 50.75-56.75.

BULLS: Yield Grade 1 1300-1800 lbs. 49.50-53.00, few 53.00-57.00; Yield Grade 2 1000-1700 lbs. 45.00-50.00.

VEAL CALVES: Choice and Prime vealers mostly steady; Good to low Choice weak to 5.00 lower. Demand fair for holstein bulls to return to farm.

VEALERS: High Choice and Prime 180-350 lbs. 85.00-100.00, few 101.00-104.00; Choice 150-330 lbs. 70.00-94.00; high Good and low Choice 160-350 lbs. 55.00-75.00, 120-150 lbs. 47.00-60.00, 80-115 lbs. 40.00-50.00, few uncertified 35.00-40.00, 60-80 lbs. 32.00-40.00, few uncertified 25.00-35.00.

RETURNED TO FARM: Few 90-105 lb. holstein heifers 67.00-69.00, few 80-90 lb. holstein heifers 50.00-60.00; bulk 90-125 lb. holstein bulls 48.00-68.00, about 200 head 100-115 lbs. 70.00-76.00, few small frame 95-110 lbs. 43.00-50.00.

LANCASTER STOCK YARDS
Open 24 hours a day
365 days a year
(717) 394-2611
AUCTIONS
MONDAY
9:00 A.M — Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs
WEDNESDAY
8:00 A.M. — Slaughter Hogs
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
12 NOON — Slaughter Sale Load Lot (5 or more)
FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
8:00 A.M. — Slaughter Hogs
FEEDER PIG SALE
TUES., AUGUST 21, 1 P.M.
LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 87 Years

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

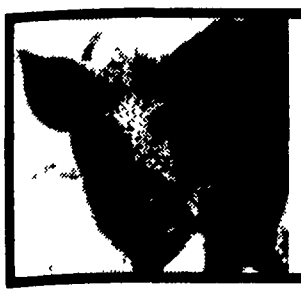
B&R CATTLE CO.
RD1, Marietta, PA 17547
Office Phone: (717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph (717) 653-5728
RON RANCK
Ph (717) 656 9849

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Sale Every Saturday
9 A.M.
Hog Sale
Business Phone
717-768-8204
Home Phone
215-458-8518
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE: JONESTOWN 865-2881
Sale every Tuesday at 1 30 P M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12 30

Certain Markets Unavailable Due to Early Press Deadline

A LESSON WELL LEARNED...
Lancaster Farming's CLASSIFIED ADS GET RESULTS!
Phone: 717-394-3047 or 717-626-1164



HOG MARKETS

Lancaster Hogs
Lancaster Stockyards
Monday, August 13
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts .50-1.00 higher; sows steady to .50 higher.

BARROWS AND GILTS: US 1-2 215-255 lb. 55.25-56.25. US 1 215-250 lb. 56.50-57.50, few 58.00-59.50. US 1-3 200-270 lb. 54.00-55.00.

SOWS: US 1-3 300-650 lb. 45.00-47.00.

Tuesday, August 14

Today	131
Last Tuesday	145
Last Year	237

TREND: Compared to Monday small supply barrows and gilts steady.

BARROWS AND GILTS: US 1-2 210-250 lb. 55.25-56.25. US 1-3 220-260 lb. 54.35-55.00.

Wednesday, August 15

HOGS: Compared to Monday barrows and gilts steady.

BARROWS AND GILTS: US 1-2 210-250 lb. 55.25-56.25, couple lots 56.35. US 1 210-250 lb. 56.50-57.00, couple head 57.25-57.50. US 1-3 200-265 lb. 53.50-55.00.

Indianapolis Hogs
Thursday, August 16
Report supplied by USDA

800. Barrows & gilts moderately active, .50-.75 higher.

BARROWS AND GILTS: US 1-2 215-255 lb. 54.00-54.50. US 1-3 few 215-255 lb. 53.50-54.00.

SOWS: Active, mostly steady; 4%. US 1-3 few 400-480 lb. 42.00-43.00, few 550-575 lb. 45.00-46.50.

BOARS: Under 250 lb. 43.00, over 250 lb. 35.00-37.00.

New Holland Hogs
New Holland Sales Stables
Monday, August 13
Report supplied by USDA

Today	1515
Last Monday	1790
Last Year	1787

TREND: Compared to last Monday barrows and gilts .50-1.00 lower.

BARROWS AND GILTS: US 1-2 210-240 lbs. 54.00-54.75, couple lots 55.00-55.25. US 1 210-250 lb. 55.50-57.00. US 1-3 210-260 lb. 53.50-54.00, 195-210 lb. 48.00-52.00.

US 2-3 240-270 lb. 52.00-53.00.

Lancaster Feeder Pigs
Tuesday, August 14
Report supplied by USDA

Today	901
Last Tuesday	794
Last Year	764

TREND: Compared to last Tuesday 25-40 lb. feeder pigs steady to 5.00 lower, 40-60 lb. firm to 7.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 34 head 16-29 lbs. 80.00-104.00; 171 head 30-39 lbs. 73.00-81.00; 26 head 30-37 lbs. 98.00-100.00; 315 head 40-49 lbs. 73.00-85.00; 159 head 50-59 lbs. 68.00-76.00; 16 head 80 lbs. 60.00.

US 2-3 35 head 29-32 lbs. 90.00-95.00; 18 head 39-46 lbs. 63.00-64.00.

Vintage Hogs
Vintage Sales Stables
Saturday, August 11
Report supplied by auction

260 head.

US 1 & 2 207-238 lbs. 54.25-55.00; 2 & 3 205-248 lbs. 53.00-54.25; Lightweight 173-175 lbs. 47.00-47.25; Sows 380-600 lbs. 44.50-46.00; Boars 205-265 lbs. 40.25-41.25.

New Holland Feeder Pigs
Wednesday, August 15
Report supplied by USDA

Today	478
Last Wednesday	668
Last Year	859

TREND: Compared to last Wednesday firm to 5.00 higher, instances 10.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 40 head 21-25 lbs. 92.00-100.00; 136 head 27-39 lbs. 70.00-82.00; 9 head 30 lbs. 88.00; 36 head 47-49 lbs. 71.00-83.00; 52 head 50-59 lbs. 60.00-69.00; 45 head 61-70 lbs. 69.00-70.00.

Peoria Hogs
Thursday, August 16
Report supplied by USDA

2000. Barrows & gilts .50-.75 higher. Trade moderate.

BARROWS & GILTS: US 1-2 220-250 lb. 53.50-54.00, 150 head 54.25-54.50; 200-220 lb. 51.00-53.50. US 1-3 220-260 lb. 53.00-53.50.

SOWS: Steady, 25%. US 1-2 300-350 lb. 43.50-44.00. US 1-3 350-500 lb. 43.00-43.75; 500-650 lb. 44.00-44.50.

St. Louis Hogs
Thursday, August 16
Report supplied by USDA

3300. Moderately active. Under 260 lb. steady to .50 higher, most advance on hogs weighing between 230-260 lb.; hogs over 260 lb. 1.00 higher.

BARROWS & GILTS: US 1-2 225-260 lb. 54.00-54.25. US 1-3 200-220 lb. 52.00-53.00; 260-270 lb. 53.00.

SOWS: .50-1.00 higher, most advance on some sows under 500 lb. about 10%. US 1-3 all weights 44.00-46.00.

BOARS: Over 250 lb. 38.00; under 250 lb. 45.50, few 46.00.

Carlisle Feeder Pigs
Carlisle, Pa.
Friday, August 10
Report supplied by auction

TREND: Compared to July's State Graded Sale the market was very active and stronger; pigs were 15.00 to 20.00 higher with spots 25.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US NO. 1 & 2: 38-39 lbs. 95.50-103.00; 40-49 lbs. 87.00-104.00; 50-59 lbs. 88.00-90.00; 60-70 lbs. 81.50-85.00.

US NO. 2: 18-29 lbs. 101.00-110.00; 31-39 lbs. 87.50-103.00; (mostly 94.00-103.00); 40-49 lbs. 91.00-105.00; 58-66 lbs. 86.00-98.00.

US NO. 2 & 3: 31-73 lbs. 70.00-76.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)			
554,000	48,000	1,134,000	104,000
Same Period Last Week (Est.)			
549,000	48,000	1,139,000	100,000
Same Period Last Year (Act.)			
530,000	43,000	1,210,000	101,000

Chicago Grain Futures

(Closing Bids as of Thursday, August 16)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Aug.			6.81½	160.30
Sept.	3.00¾	3.49	6.64½	161.90
Oct.				164.40
Nov.			6.63	
Dec.	2.87	3.66½		170.30
Jan. '85			6.75¼	
Mar. '85	2.94¾	3.76½	6.90	
May '85	3.01½	3.76½	7.00	
July '85	3.04¼	3.62	7.05	

Trends - Corn - weaker; Wheat - weaker; Soybeans - weaker; Soybean Meal - weaker.

Market Provided by Merrill-Lynch Commodities, York

Futures Trading

(Closing Bids as of Thursday, August 16)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Aug.	64.87	53.92	
Oct.	63.37	49.20	
Nov.			3.64
Dec.	64.32	51.02	
Feb. '85	64.90	53.35	
April '85	65.65	49.45	
May '85			4.71

Trends - Cattle - weaker; Hogs - weaker; Potatoes - sideways.

Market Provided by Merrill-Lynch Commodities, York

IMPORTANT NOTICE

MF Massey Ferguson

COMBINE SEMINAR
(Question & Answer)

To Be Held At Ag Progress Days

TUESDAY, AUG. 21 2 PM — **WEDNESDAY, AUG. 22** 2 PM

Located At The MF Exhibit On East 3rd Street

DON'T MISS THIS!

ATTENTION HOG PRODUCERS

Now you have a choice of marketing your fat hogs on any one of 4 days a week through Walter M. Dunlap and Sons.

The starting times for each day are as follows:

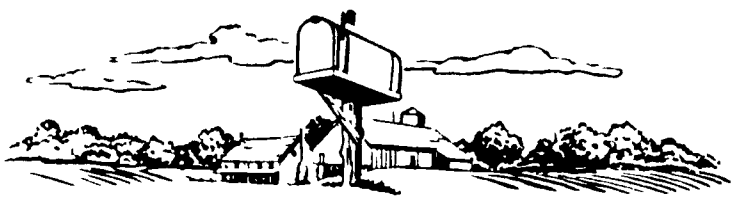
Monday at 11 A.M., Tuesday at 10 A.M., Wednesday and Saturday at 8 A.M.

Consign your fat hogs to Walter M. Dunlap and Sons where they will be handled by experienced and capable personnel. All hogs weighed upon arrival.

For market information contact Ken Smoker or Ollie Nagle at 717-397-5136.

FEEDER PIG SALE
Every Tuesday - Starting at 1 P.M.

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136
An Old Line Commission Firm Keeping Abreast With The Times



In this issue

Six Sections

Editorials

Editorially speaking	A10

Columns

Now is the time	A10
On being a farm wife	B12
Micro way	B13
Back home	B20
Ida's notebook	B22

Features

Clearview hog farm	D24
Butler fair	D28
Rough & tumble	E 2
Ag's survival	E22
Hay creek	E32
Farm innovators	F14
Ag progress info	F21

Home and Youth

Homestead Notes	B 2
Home on the Range	B 6
Deb Martin	B14
Pomona master	B16
Computer 4-H'ers	B18
Family living	B20
4-H Achievers	B24

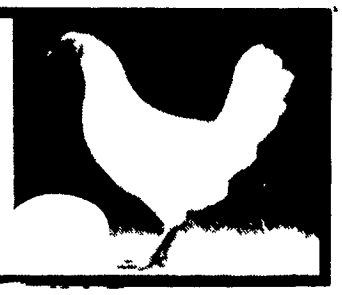
Dairy

Central Jersey Show	A18
SE Holstein show	A20
SC FFA	A29
Huntingdon DHIA	E20
Bedford DHIA	E24
Tioga DHIA	E26

Departments

Farm Calendar	A10
Classified Ads	B32, C 2
Livestock Latest	D 2
Business News	D 6
Mailbox Markets	F18

POULTRY MARKETS



N.E. Weekly Shell Egg Report

Tuesday, August 14
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	.95-.97	.93-.95	.73-.75	.50-.52
Mostly	.95	.93	.73	.50
N. HAMP.	.84-.88	.79-.83	.63-.67	.38-.44
Mostly	.86-.87	.81-.82	.65-.66	.42-.43
R.I.	.85-.94	.83-.91	.64-.73	.39-.48
Mostly	.88-.91	.85-.88	.67-.70	.42-.45
VERMONT	.90-.99	.88-.96	.68-.78	–
Mostly	.95-.99	.89-.93	.75-.76	–
MAINE	.91-.93	.86-.88	.70-.72	.45-.47

X Includes Central and Western Sections only.

Weekly New York Egg Market

From Friday, August 10 to Thursday, August 16

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.84	.84	.84	.82	.82
Ex Large	.77	.77	.77	.75	.75
Large	.72	.72	.72	.70	.70
Medium	.57	.57	.57	.55	.55
Pullets	.41	.41	.41	.39	.39
Off Grade	.59	.59	.59	.59	.59
BROWN					
Jumbo	–	–	–	–	–
Ex Large	.87	.87	.87	.87	.87
Large	.83	.83	.83	.83	.83
Medium	.65	.65	.65	.65	.65
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Undergrades	.37	.37	.37	.37	.37
Checks	.35	.35	.35	.35	.35

Breaking Stock: Friday - 12.60-13.50; Thursday - 12.60-13.80.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, August 14
Report supplied by auction

RABBITS: 4-6 lbs. range .30-.52 per lb.

RABBITS: 7-11 lbs. range .30-.44 per lb.

BUNNIES: .50-1.25 ea.

GUINEA PIGS: range 1.50-2.50 ea.

GOATS: range 18.00-30.00 ea.

KID GOATS: range 20.00-25.00 ea.

Delmarva Poultry

Thursday, August 16
Report supplied by USDA

Market Comment: For today movement of ready to cook whole birds is mixed but fairly good overall. Inquiries for parts continue to improve and pricing on most items advanced as stocks work lower. Slaughter schedules are heavy. Weights are generally desirable to heavy. Live supplies are at least adequate. Undertone steady.

Today's L.T.L. asking prices are unchanged on U.S. Grade A at 50-56 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 8/16 1,922,000; Actual 8/9, 1,830.000; Actual 8/14, 1,873,000; Average Weights 8/14, 4.18; Average Weights 8/7 4.28.

Philadelphia Eggs

Thursday, August 16
Report supplied by USDA

MARKET COMMENT: Cartoned egg orders are often noted as dull, slow and no better than fair. Best movement is noted on loose packed eggs which meet a good call in most instances. Retail promotional activity is spotty and usually stimulates better movement; however, some dealers report disappointment with current results. Supplies and offerings are noted as fully adequate to ample or available on most sizes. Undertone about steady to weak.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .69-.72; A Large .68-.71; A Medium .52-.55.

Eastern Pa. & N.J. Poultry

Wednesday, August 15
Report supplied by USDA

Market Comment: The market tone is fully steady for both current and advanced trading. Offerings are much increased and schedules approach near normal. Canner movement is moderately good.

Prices Paid at Farm:

Light Type Hens: 11-12½, mostly 11-12.

F.O.B. Plant: 14-15½, mostly 15.

New York Multiple Drop Broiler Report

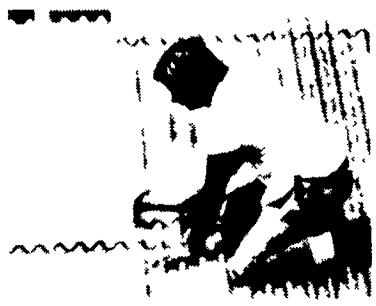
Thursday, August 16
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A .48-.56; Weighted AVG.: U.S. Grade A 53.54; Premium (X) Boxes 11,266.

(X) Includes special services, selected competitive brands, etc.

The Perfect Cover-Up!



42" x 8'6" Size

- 25-year warranty against leakage.
- Now costs less applied than metal or shingles
- Insulates sound and temperature on new or old structures
- Can be applied directly over metal or shingles.

$8.60 per sheet
$28.90 per square

gulfwall Corrugated Asphalt Roofing & Siding

Reinholds Lumber & Supply Co.
Box 236 Reinholds, PA 17569
215-267-5400

Copyright 1984 by Lancaster Farming
P.O. Box 366 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

Robert G. Campbell, Publisher
Dick Anglestein, Editor
Suzanne Keene, Home Editor
Jack Hubley, Associate Editor
Laura England, Associate Editor

NEWS CORRESPONDENTS

Sally B. Bair, Lancaster County
Columbia

Jane Bresee, Bradford County
Ulster 717-358-3346

Joyce Bupp, York County
Seven Valleys

Judy Hull, Adams & Franklin Counties
Biglerville 717-677-6657

Nancy Kunick, Crawford & surrounding counties
Centerville 814-694-2571

Donna McConaughey, Lebanon County
Lebanon 717-273-0326

Beth Nesbit, Indiana County
Marchand 412-286-9049

Robin Phillips, Berks County
Mohrsville 215-926-1261

Barbara Rader, Butler and surrounding counties
Connoquenessing 412-789-7413

Debbie Stiles-Renzi, West Virginia
Parsons

John Schmidt, Maryland
Monkton 301-472-9060

Subscription Price:
$7.50 per year; $13.00 - 2 years
$14.00 per year outside of
PA, NJ, MD, DE, NY, VA & WV

Established November 4, 1955
Published every Saturday
by Lancaster Farming, Lititz, PA
Second Class Postage paid at
22 E Main St
Lititz, PA 17543 ISSN0023-7485

For address change form or new subscription see Mailbox Markets.

Members of Newspaper Farm Editors Assn., Pa. Newspaper Publishers Association, and National Newspaper Association.
Represented National by
J.L. Farmakis, Inc.
#203-966-1746

HOULE • Liquid Manure Pumps • ELECTROMIX • Barn Cleaner Chains

wic • Bedding Choppers • Silage Carts • Manure Tanks

US AGRI-SYSTEMS 800-222-2948 (301-398-2948 local) • Free Stalls • Self-Locking Panels • Comfort Stalls • Gutter Grates

Available From
WILLIAMS FARM SYSTEMS
(717) 398-2692
Also See Ad On Pages B24 & 25

Perhaps We Made It Too Simple?

Master Mill™

The Exact, Efficient And Easy Way To Make Your Own Feed.

afs automatic farm systems
608 Evergreen Rd.
Lebanon, PA 17042
(717) 274-5333

DEKALB

Two Ways To Improve Your Profit Picture

XL & DK

Two layers with distinctly different characteristics . . . From two separate research programs.

You don't have to buy from two different companies to get the two top layers on the market.

The XL shows excellent production under many management conditions. The DK responds best to finely tuned, close management.

DEKALB Layers are bred to possess the economic traits most applicable to your operation. You do have a choice . . . The high productivity XL or the high efficiency DK.

Moyer's CHICKS, INC.

DEKALB BROWN & WHITE EGG LAYERS

Quakertown, PA 18951
(215) 536-3155

HUBBARD WHITE MT BROILERS

***** Pennfield Dairy News *****

Less Crop Farming — More Time for Dairy

Joshua Yoder enjoys milking Starla, one of his fine, home-bred first calf heifers. Starla freshened at 1-11 and is projected at 15,554 pounds of milk and 753 pounds of fat. On her June 16 DHIA test, she was 201 days in milk and tested 52.52 pounds of milk with 4.9 percent butterfat.

Joshua and Rebecca Yoder are pictured here with daughter Ruby, and sons Marvin, left, and Fred.

BELLEVILLE — A few years ago, Mifflin County dairyman Joshua Yoder took a gamble which he originally thought would hurt his operation. Farming some 180 crop acres in corn and alfalfa, a portion of that rented, Yoder dropped his acreage down to 85 tillable and 35 in pasture when the rented land was sold.

The change in acreage would mean a change in the feeding program, and this was a factor which Yoder thought would cause problems. On the contrary, however, the change meant that Yoder was able to put in more time with his animals.

"Since we're not farming as much, we can spend more time with the cows," he explained. "We started feeding grain three times a day and I think it's paying off."

In addition to the grain ration which is a blend of Pennfield's new Hi-Yield fat added pellets and flaked feed, the Yoder-Crest herd, located near Belleville, also gets two times per day feeding of haylage, corn silage and baled hay. All rations are hand fed.

"What we're doing is giving them less each time and feeding them more often," Yoder said.

Rebecca Yoder feeds one of the young heifers -- paying attention to the young replacements gets them off to a good start.

"They don't stall (stop eating) near as quick and they eat more."

Yoder's wife, Rebecca, added another observation of the new feeding system. "They're able to digest better," she said of the animals, "and we've had fewer stomach problems with the cows."

The benefits of the new feeding program, coupled with the added attention the cows now receive, are seen in the herd's production average. In 1982, the 50 registered Holsteins recorded a rolling herd average of 17,469 pounds of milk, 653 pounds of fat and a 3.7 percent fat test. The average for 1983 increased dramatically to 18,669 pounds of milk, 701 pounds of fat and a 3.8 percent fat test.

Aside from the growing herd average, the benefits of the system are also evident in individual production records. For example, the Lana cow produced 22,227 pounds of milk after never having topped 17,000 pounds.

Yoder also credits his herd's improvement to excellent calf crops, which are mainly Rebecca's responsibility. "If you set a calf off to a good start, that's about the best thing you can do," he said.

All calves on the Yoder farm are housed in hutches soon after birth. They remain there for eight to 10 weeks and receive close attention to assure a proper start. This provides a solid base of young cows.

Following up on calf management is the breeding program. Yoder said he prefers to stick with his own stock, as less than a dozen cows on the farm carry a prefix other than Yoder-Crest. However, he added, he likes to "go out and buy a good cow every now and then.

At one time, Yoder said he rented bulls, but for the past three or four years all breeding has been done through artificial insemination. The herd currently has one cow rated Excellent, 14 Very Good, 19 Good Plus and 16 Good.

The Excellent cow, Boots, is a 9-year-old projected at 25,000 pounds of milk and 861 pounds of fat. She has produced over 100 pounds of milk a day for four straight months.

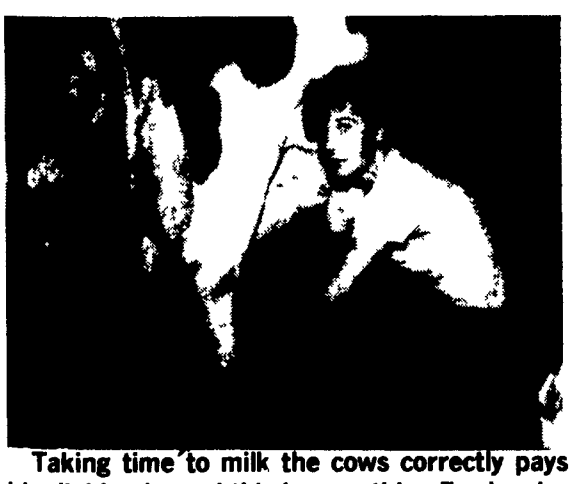
Since changing his feeding program to Pennfield's high performance complete dairy feed, Yoder decided to sell the ear corn he harvests off about 10 acres of his land. "I would have fed the corn, but the cows were doing so good on the commercial feed that I hated to switch back again," he explained.

The remainder of the 40-acre corn crop is chopped into silage and stored in three silos on the farm, which are normally filled at the end of the harvest.

In addition to the crops, the family makes sure it has home grown vegetables year-round. A small garden is kept next to the house where Mrs. Yoder plants strawberries, many of which are given away to relatives and friends. The remainder of the other crops are canned for the winter.

Joshua and Rebecca Yoder have been married for 28 years and have six children, three of whom still help on the farm. Fred works fulltime with the cows, while Marvin, who is employed by a breeding service, helps out part time.

Ruby, the only daughter, is a high school student who also has a strong dairy interest. She has shown cattle as a 4-H'er and has done well at both local and district shows.



Taking time to milk the cows correctly pays big dividends, and this is something Fred yoder realizes as he milks the cows in the Yoder-Crest herd.

Marvin weighs each cow's high energy grain ration. Over feeding grain can hurt production and is very costly.

Ruby shows her 4-H project, Kenwoody Very Violin.

HAY MARKETS

New Holland Hay

New Holland Sales Stables
Monday, August 13
Report supplied by auction

90 loads. Prices steady with last week.

Alfalfa, 1 ld. 2nd cutting, 155.00, balanced 1st and 2nd cutting, some with rain damage, 61.00-101.00; Mixed Hay, few choice lds., 111.00-147.00, fair quality, 59.00-97.00; Timothy, clean and dry, 105.00-126.00, fair quality, 75.00-100.00.

Straw, clean and dry, 90.00-107.00, some off color and wet, 76.00-85.00; Oats-Hay, 67.00; Clover Mixed, 63.00, few lds. for mulch, 50.00.

Ear Corn, clean and sound, 100.00-115.00, several lds. with mold damage, under 100.00.

Oats, 2.35-4.10 bu.; Rye Seed, 3.90 bu.

Green Dragon Hay

Ephrata, Pa.
Friday, August 10
Report supplied by PDA

27 Loads hay and 22 Loads straw.

Alfalfa Few 79.00-102.00; Mixed Hay 60.00-89.00, few 130.00; Timothy hay Few 86.00-135.00; Clover 2 loads 67.00 & 70.00; Straw 72.00-101.00 2 loads 59.00 & 111.00; Ear Corn 15 Loads 81.00-117.00 Few 129.00; Oats One load 2.10/bushel.

Good's Hay

Leola, Pa.
Wednesday, August 15
Report supplied by auction

63 loads.

Mixed Hay, 87.00-145.00; Straw 96.00-111.00; Alfalfa, 66.00-151.00; Corn, 101.00-117.00; Timothy, 92.50-107.00.

Keister's Hay

Middleburg, Pa.
Tuesday, August 14
Report supplied by auction

13 loads.

Mixed Hay, 75.00-100.00; Straw, 70.00; Ear Corn, 105.00-130.00.

Regional Hay

Friday, August 10
Report supplied by PDA

(All hay No. 2 and better, prices paid by dealers at the farm and per ton.)

Slow-steady to weak.

Alfalfa 75.00-100.00; Mixed hay 60.00-90.00; Timothy hay 60.00-90.00; Straw 50.00-65.00; Mulch 20.00-40.00.

Pa. Grain

Monday, August 13
Report supplied by PDA

Compared with last Monday's market, for Southeastern, Central and South Central, PA. Corn steady to 4 cents lower. Wheat steady to 2 cents lower. Barley steady to 5 cents lower. Oats steady to 7 cents lower. Ear Corn uneven, mostly steady $3 lower.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.55-3.95, few reported 3.50, average 3.71, New Crop 2.72-2.90; Wheat range 3.40-3.75, average 3.50; Barley No. 3 range 2.20-2.50, average 2.37; Oats No. 2 range 1.80-2.20, average 1.97; Soybeans No. 1 range 5.50-6.00, average 5.75, Ear Corn range 90.00-115.00, average 106.75.

Central Pa.

Corn No. 2-y range 3.60-3.90, average 3.78; Wheat range 3.20-3.55, average 3.41; Barley No. 3 range 2.20-2.50, average 2.41; Oats No. 2 range 1.80-2.00, average 1.92; Soybeans No. 1 range 5.25-6.00, average 5.58; Ear Corn range 100.00-118.00, average 109.73.

South Central Pa.

Corn No. 2-y range 3.55-4.00, average 3.83; Wheat No. 2 range 3.25-3.50, average 3.34; Barley No. 3 range 2.30-2.65, few reported 2.15, average 2.46; Oats No. 2 range 1.90-2.30, average 2.09; Ear Corn range 110.00-125.00, average 118.25.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.55-3.95, average 3.76; Wheat No. 2 range 3.20-3.75, average 3.44; Barley No. 3 range 2.20-2.65, average 2.40; Oats No. 2 1.80-2.30, average 1.97; Ear Corn range 90.00-125.00, average 110.77.

Western Pa.

Corn No. 2y range 3.70-4.00, few reported 3.41, average 3.79; Wheat No. 2 range 3.15-3.20, average 3.17; Barley No. 3 range few reported 2.15, average 2.15; Oats No. 2 range 1.70-2.25, average 1.94; Ear Corn range 90.00-115.00, average 101.67.

Summer Savings Spectacular
30% Off
THE PRICE OF SENCO ROOFING & LATHING TOOLS!
During the Senco Summer Savings Spectacular When You Buy 10 Boxes of P Staples for Roofing and Lathing.
Stop in now. Get immediate savings on Senco® MW and PW tools. The fast, efficient air-powered way to save in time and labor costs on your roofing and lathing jobs.
Team Up With Us To Slash Construction Costs
Offer good through September 30, 1984
For Your Other Senco Needs Contact Us For Our Normal Quantity Discount
BLUE BALL MACHINE WORKS
Rt. 322 East, Blue Ball • Mon.-Fri. 7:30-5, Sat. 7:30-11:30
Thurs. Evening til 9
CALL 717-354-4478
Established 1884

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE

For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

DAIRY COWS

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna

The Action Auction
717-354-4341

Mgr. - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538

Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

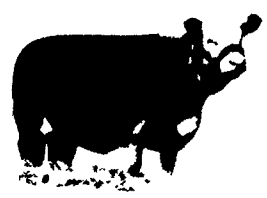
WEDNESDAY
FEEDER PIG SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

THURSDAY

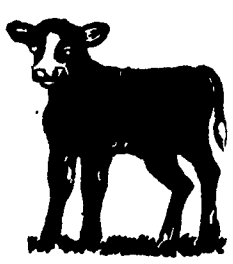
11:00 AM

BULLS -



STEERS -
BEEF COWS

3:30 P.M.

CALVES 

SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

New Wilmington Livestock

New Wilmington, Pa.
Monday, August 13, 1984
Report Supplied by PDA

CATTLE 216. Compared with last Monday's market, slaughter cows strong to 50 cents higher. Choice Steers 62.50-66.25, Good 58.00-62.50, Standard 49-55.75. Heifers: Few Choice 59.75-64.00, Few Good 57-58.00, Standard 45-50.50, Utility 40-45.25. Breaking Utility & Commercial slaughter cows 43-47.25 few 48-48.75, Cutter & Boning Utility 40-44.00, Canner & Low Cutter 30-40.00, Shells down to 24.00. Few Standard bullocks 45-48.00, Few Utility 40-45.00. Bulls: Yield Grade No. 1 1180-1780 lbs. 47.75-49.75 Couple to 52.25 & 52.50. Yield Grade No. 2 Few 12-1860 lbs. 44.75-45.75.

FEEDER CATTLE: Medium Frame #1 4-635 lbs. 40.50-47.00, Medium Frame #2 310-550 lbs. 31-38.00. Bulls Few Medium Frame #1 3-450 lbs. 51-54.50.

CALVES 273. Vealers Steady. One Choice Vealer at 73.00, Good 55-67.50, Standard & Good 90-120 lbs. 40-53.00, Standard & Good 65-85 lbs. 30-45.00, Utility 50-80 lbs. 20-30.00.

FARM CALVES: Holstein Bulls 90-135 lbs. 52.50-60.00.

HOGS 364: Barrows & gilts weak to 50 cents lower. US No. 1-2 210-250 lbs. 52.85-53.35 one Lot 54.00, US No. 1-3 205-265 lbs. 51.50-53.00 one Lot 51.00, US No. 2-3 One Lot 345 lbs. at 42.00, US No. 1-3 180-195 lbs. 48-50.00. Sows $1.00 higher. US No. 1-3 260-585 lbs. 37.50-45.00. Boars 30.75-43.50.

FEEDER PIGS 76. US No. 1-3 20-30 lbs. 15-20 per head. No. 1-3 30-40 lbs. 20-26.00 per head.

SHEEP 94. High Choice & Prime 65-120 lbs. 62-69.00 few to 72-75.00, Choice 60-100 lbs. 52.00-62.00, Good 50-85 lbs. 40-50.00.

Morrison Cove Livestock

Martinsburg, Pa.
Monday, August 13, 1984
Report Supplied by Auction

CATTLE 274. Compared with last Monday's market Steers, High Choice & Prime 67-69.25, Choice 63.25-66.50, Good 57.50-62.75, Standard 51.25-55.25, Utility 46.25-50.75. Heifers Choice 61.25-64.25, Good 56-60.25, Standard 51.25-55.25, Utility 46.25-50.75. Breaking Utility & Commercial slaughter cows 47.25-49.25 Couple 43.25-46.50, Cutter & Boning Utility 40.50-42.00, Canner & Low Cutter 35.25-39.50, Shells down to 15.00. Bullocks: Choice 55.25-58.00, Good 51-53.00, Standard 47-49.25, Utility 42-46.50.

FEEDER CATTLE: Steers: Choice 350-600 lbs. 55.75-61.00 couple to 350-600 lbs. 49-54.00. Heifers: Good 350-600 lbs. 51-56.00, Medium Frame 350-600 lbs. 46-49.00. Bulls: Good 350-600 lbs. 51-56.00, Medium Frame 3-600 lbs. 44-50.00.

CALVES 471. Prime Vealers 78-86.00, Choice 71-74.00, Good 64-68.00, Standard & Good 110-130 lbs. 51-56.00, Standard & Good 90-110 lbs. 48-50.50, 70-90 lbs. 45-47.50, Utility 40-60 38-44.00.

FARM CALVES: Holstein Bulls 90-115 lbs. 58-81.00. Holstein Heifers 90-115 lbs. 54-72.00.

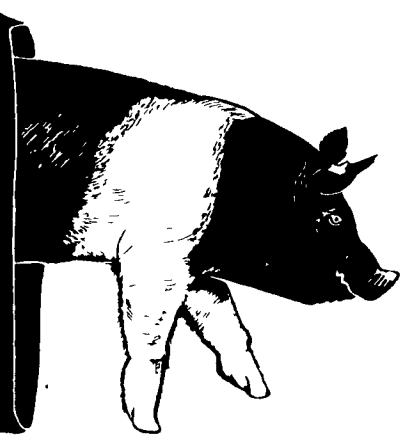
HOGS 185: US No. 1-2 220-240 lbs. barrows and gilts 54.50-55.25 few to 56.10, US No. 1-3 220-240 lbs. 53.50-54.25, US No. 2-3 210-260 lbs. 52.50-53.25, US No. 2-3 300-360 lbs. 48.75-52.25, US No. 1-3 170-190 lbs. 48.25-51.75. Sows: US No. 1-3 350-650 lbs. 44-45.75, No. 2-3 350-650 lbs. 40.25-43.25, Boars: 30.50-34.50, Lightweight 34-37.25.

FEEDER PIGS 31. US No. 1-3 25-35 lbs. 21-27 per head, No. 1-3 40-50 lbs. 32-37 per head.

SHEEP 21. Choice spring slaughter lambs 90-110 lbs. 60-67.00, Good 80-90 lbs. 46-52.00. Slaughter ewes 12-22.00. GOATS 21. 18-37.00 per head

Kleen Leen Hog Seed

Bloodline Checker Boar 140 GPR.



Those aggressive Checker™ Boars and healthy Checker™ Gilts are as close at hand as we are. No one offers more to your entire hog operation: Kleen Leen's guaranteed breeders. An unmatched health program. Plus the most progressive way to judge boars today... "Genetic Potential Rating."

Stop by soon. Remember, we've got more in store for you than just our great feeds.

—SEE YOUR PURINA DEALER TODAY—

KEYSTONE MILLS
John B. Kurtz
PHONE 717 354-4616 717 738 1088
RD3 EPHRATA PA 17522

WEST WILLOW FARMERS ASSN., INC.
PHONE 717-464 3386
WEST WILLOW PA 17538

No One Offers More

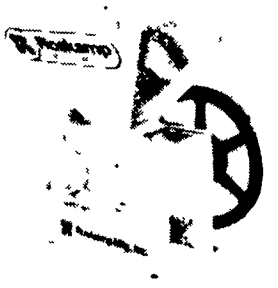
HESS MILLS
PHONE 717 442 4183
717 768 3301
PARADISE PA 17562

K & K FEED, INC.
PHONE 717-866 2324
23 N PARK ST RICHLAND, PA 17087

WOODSTOWN ICE & COAL CO.
PHONE 609 769-0069
WOODSTOWN N J 08098

ROSKAMP ROLLER MILL
Corn, Oats, Wheat, Barley, Milo
RUGGED, DURABLE, LOW COST

- Quality Built For The Price Conscious
- Solid-to-the-Shaft White Iron Rolls
- Adjustable Roll Spacing For Coarse To Fine
- Spring Loaded Bearings
- Small Enough To Take With You
- Low Power Requirements
- Rolls Corrugated 10 Grooves Per Inch
- Get More From Every Pound Of Feed
- Capacities Up To 60 bu./hr. In Corn
  30 bu./hr. In Small Grains



For further information call or write
Roskamp Manufacturing
2975 Airline Circle Waterloo, IA 50703 (319) 232-0710
Roller Mills For Any Purpose, See Page E38

I'M NOT LION...
The Classified Livestock Section Has Beastly Selections!

WANTED
QUALITY MULCH HAY
Timothy & Orchard Grass
PAYMENT ON DELIVERY
Penn Green Farms
Penn Green Road - Off Rt. 41
Avondale, Pa. 19311
Received 7 'till 3:30
½ Day Sat.
20% Moisture Allowance Unloaded by Hauler
We Also Buy Clean Corn Cobs, Please Call For Details
215-268-2073 215-268-2249

FARM MASTER
Simplicity
See All The Reasons Why Before You Buy
See Us At AG Progress Days West 11th
717-354-6235

NEEDED:
75 leaders, motivators, movers, shakers and spiritual leaders to teach 90 hour common law course on citizens rights. Video tape player essential. 1 hr. intro. audio cassette tape - $5 and/or VHS video tape - $25 deposit, refundable.
Details - send SASE
AYRSHIRE
Box 6, Exton, Pa. 19341

MELHORN SALES, SERVICE, TRUCKING CO.
40 Donegal Springs Rd., Mount Joy, PA 17552

The only full service company, in this area, to handle the total needs of the poultrymen.

Which Includes:

- DeKalb chicks & started pullets sold by Clay Mumma and Nelson Groff
- Complete loading & unloading of pullets & spent hens.
- New modern dollie equipment to move your pullets fast and efficiently with minimum stress to the pullets

Place Your Confidence In A Full Service Company That Wants To Be Worthy Of Your Business

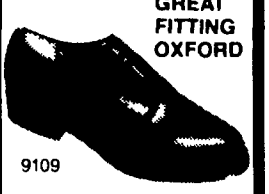
For More Information Phone:
717-653-1102 or 717-653-2787
Monday - Friday 8 A.M. - 4 P.M. ask for Lynn or Wendy

DEKALB

DEKALB

All-day comfort!
Popular plain toe uniform oxford Features comfortable cushion insole, steel shank and non-marking oil resistant sole and heel Try on a pair for size

GREAT FITTING OXFORD



9109

You've earned your Wings!
Red Wings
BOOKS
SHOE SERVICE
107 E. STATE ST
QUARRYVILLE, PA 17566
717-786-2795
CLOSED WEDNESDAYS

New Holland Horse

New Holland Sales Stables
Monday, August 13
Report supplied by auction

Reported receipts of 213 head of horses, mules, and ponies. Market: steady.

LOCAL

Better horses 400.00-675.00, few registered.

Driving horses 250.00-1000.00.

Riding horses 250.00-325.00.

Lightweight killers 225.00-275.00, Heavyweight killers 300.00-375.00.

Mare Ponies 25.00-75.00; Colts 10.00-20.00; Gelding Ponies 25.00-75.00; Larger Ponies 100.00-150.00.

New Holland Dairy

New Holland Sales Stables
Wednesday, August 15
Report supplied by auction

Reported receipts of 107 cows, 82 heifers, and 6 bulls.

Market steady.

Load of Canada fresh cows, 625.00-1050.00.

Load of PA fresh cows, 780.00-1250.00.

Load of PA fresh cows, 510.00-990.00.

Load of Canada fresh cows 685.00-885.00, springers 825.00-1175.00.

Load of PA fresh cows 735.00-1225.00.

Load of PA fresh cows 935.00-1250.00.

Locally consigned cows 400.00-960.00.

Springing heifers 485.00-935.00.

Open heifers 290.00-350.00.

Bulls 335.00-725.00.

Good's Fruit & Vegetable Auction

Tuesday, August 14
Report Supplied by Auction

ACORN SQUASH- .25 ea.
BASIL- .36 bunch.
BROCCOLI- .65 bunch.
BUTTERNUT SQUASH- 1.25 ea.
CABBAGE- .75-2.00 box.
CANTALOUPES- .05-1.00 ea.
CORN- .15-55 doz.
CUCUMBERS- 1.50-6.00 box.
EGGPLANT- 5.00-7.00 box.
ELDERBERRIES- .45-.55 qt.
LIMA BEANS- 7.00-14.50 bu.
PATTY PANS- 2.50 box.
PEACHES- 5.00 box.
PEARS: 4.50 box.
PICKLES- 5.00 box.
PEPPERS- 1.50-8.75 bu.
PLUMS- 3.00-4.50 box.
PUMPKINS- .25 ea.
RED BEETS- .42½ bunch.
STRING BEANS- Yellow, 10.50-3.50 box; Green, 4.75-6.00 box.
TOMATOES- 1.00-11.00 box.
WATERMELON- .65-1.45 ea.; ugar babies, .24-.75 ea.
ZUCCHINI- 4.00-5.00 bu.

Dewart Livestock Auction

Dewart, Pa.
Monday, August 13
Report supplied by PDA

CATTLE 325. Compared with last Monday's market, slaughter cows 75 cents to $1.50 lower. Steers: Choice 1020-1575 lbs. 63.00-66.75 Individual 67.25, Couple Holsteins 59.75 & 60.25, Good 57.75-62.25 Few good Holsteins 54.00-55.25, Standard 46.00-51.75. Heifers: Choice slaughter heifers 59.50-63.00 Couple to 64.00, Few Good 52.00-58.00, Few standard 45.00-49.25. Breaking Utility & Commercial Cows 40.00-43.60 Couple to 44.50, Cutter & Boning Utility 38.50-41.25, Canner & Low Cutter 35.00-38.50, Shells down to 28.25. Yield Grade No. 1 800-2050 lbs. 44.50-54.50, Individual 55.85.

CALVES 236. Few Choice Vealers 63.00-72.00, Few Good 53.00-60.00, Standard & Good 70-105 lbs. 44.00-50.00, Utility 55-80 lbs. 40.00-45.00.

FARM CALVES. Holstein Bulls 90-120 lbs. 49.00-69.00, Individual 73.00.

HOGS 128. Barrows & gilts .50-$1.00 lower. US No. 1-2 Few Lots 230-240 lbs. at 54.00. US No. 1-3 210-240 lbs. 53.10-53.60. Sows: US No. 1-3 300-690 lbs. 43.00-47.50 couple to 49.00. Boars: 32.00-39.00.

FEEDER PIGS 111. US No. 1-3 Few Lots 125-150 lbs. 40.50-41.00 per hundredweight, No. 1-3 40-70 lbs. 30.00-41.00 per head.

SHEEP 29. Choice 80-120 lbs. spring slaughter lamb 45.00-51.00, Few Good 50-90 lbs. 40.00-45.00. GOATS: 11. Few Kids 17.00-24.00 per head.

Call Perma Building Systems
to discuss your needs
Delivery anytime before Fall

Guaranteed that the value will never be better in buildings such as these

Perma Web Straight Wall

Designed to provide more storage space wall to wall and floor to ceiling. Available in 25' and 80' widths and 8'-18' eave heights.

See You At Ag Progress West 2nd Street

Special Price on Show Building 32x30 Extra Length Available

Call For Special Prices
Don't Wait - Call Today
(215) 593-2511
Perma Building Systems
Box 35, Christiana, Pa. 17509

PERMA we've got it steel buildings

Name _____
Address _____
City _____ State _____
Phone _____

SADDLE UP!
To Better Equipment... Find It In Lancaster Farming's CLASSIFIEDS!

Gwaltney

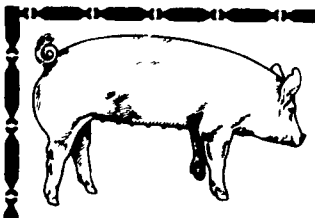
GWALTNEY of SMITHFIELD, LTD.
We will receive your market hogs

Mondays, Wednesdays, Thursdays & Fridays

Note Our New summer Hours
6:00 A.M. to 12 Noon
Looking For Hogs 210 to 250

Located at the Vintage Sales Stables, Paradise, PA
You will be paid immediately.
No commission or yard fees deducted.
Reduced waiting time.
Premium prices are paid for extra fancy hogs.

For Information Call
Ed Herrman or
Charlie Kauffman
717-442-4742
or 717-442-4181



EMERY'S BUYING STATION

OPEN TO RECEIVE YOUR MARKET HOGS

AT THE GREEN DRAGON MARKET
RD 4, EPHRATA, PA 17522
1 MILE NORTH OF EPHRATA
ON NORTH STATE STREET.

HOURS: MONDAY, TUESDAY, and WEDNESDAY 6:00 A.M. to 11:30 A.M.
215-458-5677 Residence
717-733-9648 Office

YOU ARE PAID FOR YOUR HOGS IMMEDIATELY

Ken & Lois Emery, Proprietors

GARDEN WITH JUST ONE HAND

THE TROY-BILT WAY!

- ***Rear-Mounted Tines*** chop, shred and bury old sod, standing crops and organic matter with NO tangling!
- ***Power Driven Wheels*** maintain a steady, comfortable pace with NO struggle — you guide it with JUST ONE HAND!
- ***Cast-Iron Automotive-type transmission*** designed to work hard and last a lifetime.
- ***4 forward speeds and reverse...*** ELECTRIC START models, too!
- ***Instant, accurate Depth Control*** for precise cultivating, deep power tilling, and everything in between!
- ***Model sizes from 3½ to 8 H.P.*** to fit every garden, from a small backyard to an acre or more!
- ***Full no-time-limit warranty.***

Don't torture yourself with one of these tines-in-front bone-rattlers!

BEST DISCOUNT OF THE YEAR
Now Thru September

See and compare all the Troy-Bilt® Tiller Models at:

Hollinger's
Lawn & Garden Equipment, Inc.

TWO CONVENIENT LOCATIONS:

1755 W. Main St.
Ephrata, PA 17522
Located on Route 322
Phone (717) 738-1131

1515 East Chocolate Ave.
Hershey, PA 17033
Phone (717) 533-4060

ATTENTION FARMERS

EVERY MONDAY
HATFIELD PACKING CO. and
MOYER PACKING CO.
Will Receive Your Hogs and Cattle at the
DANVILLE LIVESTOCK MARKET
RD 4, Danville, PA

- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars.
- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

FRIDAY, AUGUST 31
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 7:30
Every 4 Weeks

NOTICE
2 Evening Sales, August 3, and August 31

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.

50 to 60 Head

Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.

32 head due between Sept. 4-12
33 head due between Sept. 12-21

Validated Brucellosis Free Herd #169
Qualified Pseudorabies Free Herd #55

Hand mated with Breeding Dates

Local Trucker Available
No Hogs Sold On Commission

CHRIST A. BEILER
R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa

Abe Diffenbach, Auctioneer AU225L
NEXT SALE DATE SEPTEMBER 28

PEANUT HULLS
Bulk or Bagged
Prompt and
Courteous Service
NAAMAN EBERLY
Lancaster, PA
717-299-3001

KING'S AUCTION, KIRKWOOD
Hay, Straw and Grain Auction Every
EVERY TUESDAY
12:00
Located Rt. 472 5 miles south of Quarryville or 6 miles north of Oxford at Shaub's Auction House.
No out of state checks
ALL TRUCKERS AND FARMERS WELCOME

Green Dragon Livestock Sales
1 Mile North of Ephrata, PA
COWS COWS COWS
BUYERS FROM 3 STATES
Regular consignments from Bob Kennedy & Ed Stover plus 15 other local consignors.
Lots of good Northern Feeders and Stockers.
SALE EVERY FRIDAY
Bulls, Steers, Slaughter Cows, Lambs and Veal Calves
11:00 A.M.- Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M.- Dairy Cows
7:00 P.M.- Small Animal Sale
For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.
WALTER H. RISSER, Proprietor

Seeking Profits In Commodities Trading?
- **Hedging**
- **Speculating**
- **Managed Account**

Call Forney Longenecker,
Commodities Investment Executive,
At (717) 295-8914
SHEARSON/AMERICAN EXPRESS, INC.
29 E. King St.
Lancaster, PA 17603

LOUIS LYONS & SON
Consign your cattle and hogs, feeder pigs & calves to Louis Lyons & Son. They offer choice service, excellent sorting & marketing of your livestock.
Charles Diller, Manager
Phone 394-7915
Burnell Siegrist - Buyer & Seller
Phone 626-8653
Experienced Personnel
Immediate Weighing

VIRGINIA MARKETS

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, August 11
Report supplied by auction

FEEDER CATTLE: Trend- All classes steady. M&L-1 300-500 lbs. 60.00-65.00, few at 68.00; 500-700 lbs. 58.00-65.25; 700-1000 lbs. 54.00-63.00; Holstein 300-1000 39.50-46.00. S-1&M&L-2 300-500 lbs. 55.00-60.50; 500-700 lbs. 55.00-59.00; 700-1000 lbs. 51.00-54.00.

FEEDER BULLS: M&L-1 300-500 lbs. 56.50-61.25; 500-700 lbs. 51.00-56.00. S-1&M&1-2 300-500 lbs. 55.00-57.00: 500-700 lbs. 50.00-54.00.

HEIFERS: M&L-1 300-500 lbs. 48.00-53.00; 500-700 lbs. 49.00-52.00; 700-800 lbs. 47.00-52.00. S-1&M&L-2 300-500 lbs. 45.00-47.50; 500-700 lbs. 45.00-50.00.

STOCK COWS: Baby Calves 20.00-55.00, mostly 30.00-50.00.

SLAUGHTER CATTLE: Trend-Too few for trend. Steers- Choice 2-4 61.25; Good 2-3 59.00. Heifers-Choice 2-4 56.75.

SLAUGHTER COWS: Trend-Mostly steady, 1.00 higher. Utility & Commercial 2-4 35.00-44.00; Canner & Cutters 1-3 26.50-35.75.

SLAUGHTER BULLS: 1&2 41.00-47.75.

LAMBS: Trend- 1.50 higher. High Choice & Prime 60.50; Choice 55.00; Feeder Lambs Choice 53.25-53.75; Slaughter Ewes 14.50-19.00.

HOGS: Sows 1-3 41.00-47.00; Boars 34.00.

VEAL: Choice & Prime 60.00; Good 49.00-56.00.

SLAUGHTER CALVES: Good & Choice 47.00-53.00.

Virginia Auction Summary

August 9-15
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 4,034.

TREND: Steady.

South and Southwestern, Va. Auction Summary
Smithfield, Southside (Blackstone), Tri-State Narrows Abingdon, Lynchburg, Hollins, Witheville
August 9-15

STEERS: 300-500 lbs. Medium 1 60.00-70.00; Large 1 57.00-67.00; Small 1 48.00-58.00. 500-700 lbs. Medium 1 54.00-65.00; Large 1 53.00-65.00; Small 1 52.50-60.75. 700-1000 lbs. Medium 1 54.50-63.50; Large 1 52.50-62.75; Small 1 52.00-56.00.

HEIFERS: 300-500 lbs. Medium 1 42.00-55.50; Large 1 46.75-56.00; Small 1 40.00-50.00. 500-700 lbs. Medium 1 47.00-54.75; Large 1 48.50-56.75; Small 1 41.00-47.00; 700-900 lbs. Medium 1 43.00-52.75; Large 1 43.50-51.50.

Northern Va. Auction Summary
August 9-15

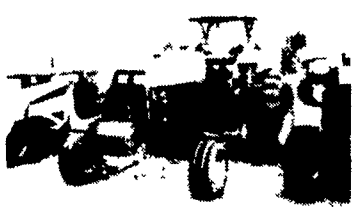
STEERS: 300-500 lbs. Medium 1 59.50-68.00; Large 1 61.50-68.00; Small 1 53.00-60.00. 500-700 lbs. Medium 1 57.00-67.50; Large 1 59.00-65.50; Small 1 53.00-63.00. 700-1000 lbs. Medium 1 54.00-62.50; Large 1 51.00-60.50; Small 1 57.00-58.50.

HEIFERS: 300-500 lbs. Medium 1 46.00-54.00; Large 1 50.00-53.75; Small 1 42.50-49.50. 500-700 lbs. Medium 1 46.50-54.00; Large 1 47.75-55.00; Small 1 43.50-48.50. 700-900 lbs. Medium 1 46.00-52.50; Large 1 50.00-56.00; Small 1 43.25-47.50.

EVERGREEN TRACTOR CO., INC.

JD 4230 Tractor, Sound-Guard, Heat and Air, Quad, New Pistons and Sleeves $17,450

Ford 8000 Tractor, Dual Remote, 18.4x38, Runs Good $6,950


White 2-105 Tractor, New Hi-Lo, 2900 hrs., 18.4x38, Dual Remote $12,900

AC 5050 Tractor, 485 Hours, Front Weights, Single Remote, Like New $8,750

JD 2440 Tractor, Single Remote, Ind. PTO $12,250

TRACTORS:
JD 2630 Diesel Tractor, Hi-Lo 540-1000 . . . . $9,750
JD 2630, Dual Remote $9,750
IH 400 Diesel, PS, TA $2,250
Farmall M w/PS and Live Hyd. $1,500
(1) White 2-105 w/Roll Guard. $15,900
(1) IH 460 Gas N.F. TA, Power Steering. $2,350
(1) Farmall H. $950
IH 300 Row Crop WF T.A. fast hitch. $2,350
IH 240 w/Fast Hitch and 2B Plow. $2,150
White 2-60 4WD w/Loader, 800 Hrs. $13,500

HAY MACHINES:
JD 480 Mower Conditions $1,450
JD 14T Baler $750
JD 500 Round Baler $4,850
NH 275 Baler w/Thrower, Hydraulic Aim $2,950
NI #402 8½' Hay Rake $1,250

HARVESTERS & FORAGE EQUIPMENT:
NH 1880 Self Propelled Harvester, 3 Row Pickup, Dsl. Hydro, 600 hrs. $23,500
(1) John Deere 34 w/One Row Row Crop $1,550
(1) Grove Forage Wagon w/Roof & Gear. $1,850
(1) John Deere Three Row Row Crop Attachment, New Belts $3,850

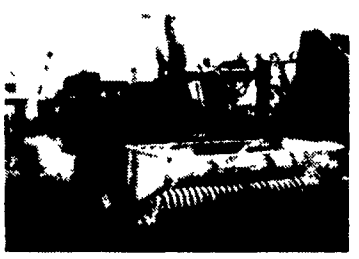
PLANTERS:
JD 7000 8 R 30" planter, liq P.O.P. monitor, no-till
IH 400 4R Air Planter $1,950
JD 7000 6 row w/no-til HD Coulters $8,750
JD 494A Planter $850

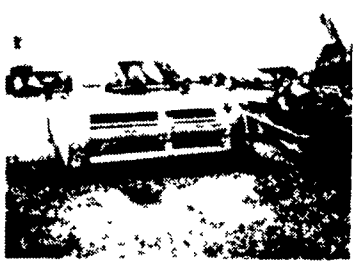
TILLAGE:
JD 350 5 Bottom Plow $2,850
(1) John Deere 12' RW $875
Howard 100" 1000 PTO Rotovator . . . $3,450

GRAIN DRYERS:
(2) New Farm Fans AB8 Auto-Batch Dryers. MUST MOVE. CALL FOR PRICE. . . . . (Dealer Inquiries Welcome)
(1) Used 350 BU. Myer Morton PTO Batch Dryer $3,450

MISCELLANEOUS:
JD 6 Row 30" Rear Cultivator $1,250
6 Row Hyd. Fold Cultivator $1,500
IH 2001 Loader $950
14.9x26 T-rail duals
20.8x34 direct axle, less rubber
NH 679 tandem axle spreader, hyd. endgate. $4,500
'Year round cab for JD 3020 or 4020 . . . . $1,050
JD 37 Hydraulic bucket ind valve $1,150
18.4x38 snap on duals $650
18.4x34 snap on duals $750
JD 46A Hydraulic Loader hyd. bucket to fit 3010 thru 4020 . . . . $850
(2) NI Tandem Axle Spreaders
IH 1250 Grinder Mixer $4,250

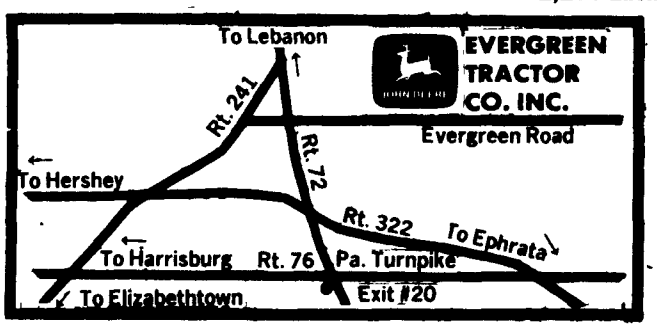
COMBINES & PICKERS:
(1) JD 6620LL Combine 800 hrs. **Price on Request**
JD 3300 Dsl. w/cab, 343 C.H. & Rotary Screen . . . . **Price on Request**
(1) IH 203 Combine, Gas w/10' Platform, P.U. Reel, 2 Row Cornhead, Cab. $3,950
(1) New Idea #325 Two Row Narrow Picker w/Sheller, Heavy PTO. $4,350
(1) JD 444 Corn head $3,450


NH 1880 Harvester, Hydro Cat Diesel, 3 row 30" and Pickup, 600 hrs $23,500


NH 472 Haybine, Only Cut 50 Acres, Like New $5,500

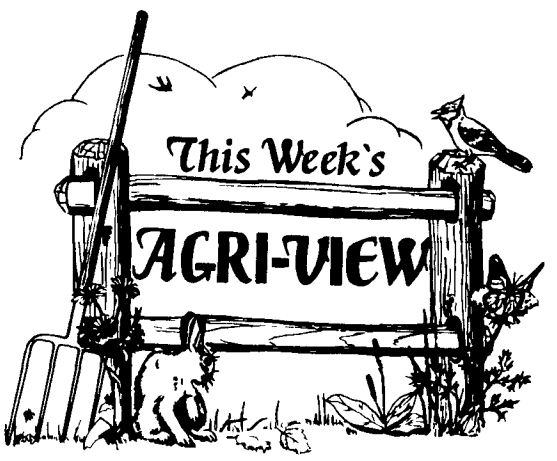
NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES
(1) JD 410 Round Baler (Demonstrater) $7,400
Less JD Rebate $300 . . . . $7,100 Cash Price
(1) JD 1610 Pull Type 11' Chisel Plow, New Tires, Cash Price. $3,500
(2) JD 315 12' Disk ¼" Blades, Dual 11Lx15 Tires, Cash Price. . . . . $6,200 Each
(1) JD 7000 6 row 30" Planter, Monitor, Dry Fertilizer, Insecticide and Markers, Cash Price $10,700
(1) JD 2700 5-18" Plow with Cover Boards and Coulters, Cash Price. $8,600
(2) JD 415 Rotary Hoe, Cash Price . . . . $2,295 Each

COMING IN:
Better Bilt 1500 Gallon Tank Spreader with Ejectors
JD 1214 12' Mower Conditioner
NH 718 Harvester w/1 Row and Pick UP
13' Rigid Grain Head



30 Evergreen Rd., Lebanon, PA., (717) 272-4641

Progress . . .



BY DICK ANGLESTEIN

Next week, agricultural progress will be on display at Penn State.

As we gaze at the millions of dollars and hundreds of acres of progress, our viewpoint will be directed toward the future. Progress and the future are synonymous. But progress and the future must always be tempered with the lessons of the past and the realities of the present.

Past and present must never be forgotten as one looks ahead or else the path there will be aimless.

Real can be the benefits of progress as long as the methods of attainment are as realistic as the goals.

Our must always be the scope of progress -- not just mine. One person's progress can often result in another's decline.

Great are the gains of orderly progress, but equally great can be the losses of disorderly progress.

Retention of the status quo is considered non-progressive, but actually it may be progress seasoned with common sense.

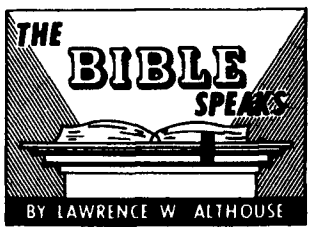
Eternal must be the land, from which all agriculture springs. Progress must always be concerned with its preservation.

Simplicity -- getting back to the basics of what's really important -- is a form of progress sought by too few.

Sane progress is movement ahead that benefits all agriculture and not just the pocketbooks of a few.

So long, Laura - Best of Luck

This is the final issue of Lancaster Farming for Laura England. who has moved on to Inter-State to practice her profession in the field of public relations. Hailing from a dairy farm family, Laura possesses a rare combination of triple commitment -- to the betterment of agriculture, to professional excellence and to personal beliefs. And her work is an equally rare combination of youthful exuberance and mature context. Best of luck, Laura; ag needs more youthful leaders like you.



THE WAY TO GROW
August 19, 1984

Background Scripture:
2 Kings 21:1 through 23:30.
Devotional Reading:
2 Kings 21:1-9.

Most of the most deeply spiritual people I know were not born that way. Rather, it seems that as they have met opportunities and challenges in life, they have responded by growing in ways that have led to new levels of maturity and spiritual vitality.

Correspondingly, most of the unspirited people I know were not born that way either. They have encountered similar opportunities and challenges along the way, but they have not responded by growing in the way of spiritual maturity.

REPAIR THE TEMPLE!

When Josiah became king of Judah at the age of eight, who could have predicted that this boy would prove to be one of Judah's greatest kings? His great grandfather had been the beloved Hezekiah, but his grandfather Manasseh had been one of Judah's worst kings, and his father Amon was also a disaster. The nation was headed downhill. How could this mere child halt this downward slide?

At the age of 18 Josiah made a momentous decision when he decided to have repaired the temple which had fallen into disrepair and decay during the idolatrous times of his father and grandfather. This decision itself was hardly an act of piety on his part, but it was a first step that started the young king in the right direction. He realized that his people needed the temple worship that had fallen into disuse in the past two reigns.

Furthermore, because Josiah made this decision to repair the temple, his life moved into a whole new level of spiritual growth. For, during the repair of the temple, Hilkiah the priest found an ancient scroll upon which was discovered the Deuteronomic law that apparently the people of Judah had forgotten.

Now, Josiah might have said the Biblical equivalent of "Isn't that interesting?" and let it go at that. But, according to 2 Kings, his reaction was dramatic: "...when the king heard the words of the book of the law, he rent his clothes" (22:11). Hearing the ancient laws for the first time, Josiah realized how far his people had drifted from their God and he was distraught.

HEART AND SOUL

At this point in his life, the young king made another dramatic leap forward in his spiritual growth. Gathering the people of Judah together in Jerusalem, Josiah read the book and took the lead for his people by personally renewing the convenant that his forefathers had made with the Lord. He and his people joined together in pledging themselves to live by the book and the commandments of God.

It had all started with a decision to repair the temple. And each time Josiah took a step deeper into his own path of spiritual growth and development. He wasn't born a better and more devout king, but he became that way because he was willing to grow.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Ensile Corn At The Proper Stage

Most of our corn crop looks real good this year and corn silage is an important part of the feeding program in dairy and feeder cattle. Harvesting corn silage at the right time is very important. I'd like to point out that more feed nutrients will be harvested if the ear can be allowed to mature into the early dent stage. Silage research reveals that corn made into silage in the silk stage will yield only 63% feed nutrients, while corn in the dent stage should give silage with 69% feed nutrients.

The important thing is to allow the ear to develop properly before ensiling, if at all possible. Corn silage is a valuable crop; let's make every effort to harvest the maximum feed nutrients.

To Use Equipment Safely

We are fast approaching the harvesting of nearly 200,000 acres of corn in Lancaster County. This harvest is the result of a big investment of time, effort and money. A good yield depends on your farming skills, land resources and a smile from Mother Nature. But whether it's free from costly mishap depends on how well you prepare your equipment and how safely you and your help run that equipment:

* Operate and maintain all harvesting machines as directed in the operators manual.
* Keep all shields in place.
* Shut off the power before unclogging or servicing. Wait until all parts have stopped, especially on choppers and blowers.
* Adjust ground speed to field and crop conditions.
* Use caution on highways with SMV signs in place.
* Keep children and non-workers off and safely away from harvesting equipment.
* Look up as well as to the front and back when driving, moving or positioning tall equipment near overhead power lines.

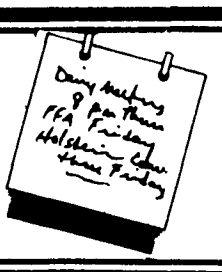
Safety requires practice — let's practice it every day.

To Apply Lime When Seeding Small Grain

Preparation is being made for fall wheat and barley seeding. This is an excellent time to apply lime. A soil test will indicate how much per acre, if needed. This is doubly

(Turn to Page A12)

Farm Calendar



Saturday, Aug. 18
Summer show and sale of Pa. Polled Hereford Association, Dayton Fairgrounds.
Central Regional Championship Holstein Show, Huntingdon.
South Central Regional Championship Holstein Show, Carlisle.
Ephrata Area Young Farmers Association ice cream social, Woodcrest Retreat.

Tuesday, August 21
Ag Progress opens at Penn State Rock Springs Research Farm, continues 9 a.m. to 5 p.m. through Thursday.
Northeast Regional Championship Holstein Show, Troy.
New Holland Beef Club Tour, Wilmer Yost Farm.

Wednesday, Aug. 22
Field Day, Pa. Simmental Association, Skytop Farm, Port Matilda.
Pa. 7th Performance Tested Boar Sale, PDA's Meat Evaluation Center, State College, 6 p.m.

Thursday, Aug. 23
Southeast Pa. District 4-H Dairy Show, Kutztown Fairgrounds, continues tomorrow.

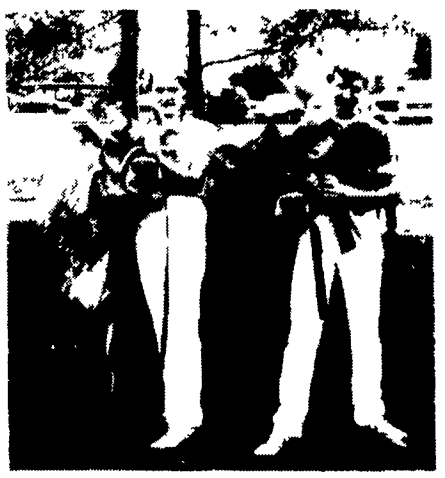
Friday, Aug. 24
Lebanon County Holstein Club Sale, 7 p.m., Lebanon Area Fairgrounds.

~Otis

GREAT THINGS ARE HAPPENING IN POWL COUNTRY

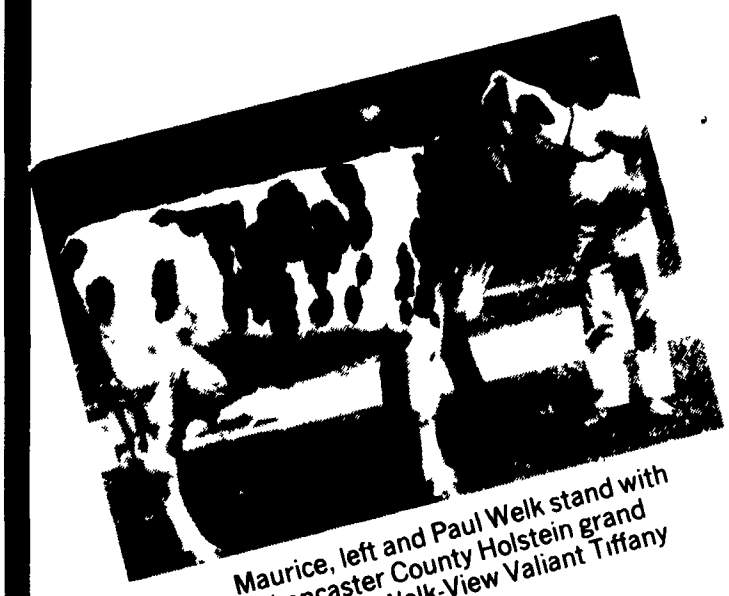
We Salute the Powl Country Exhibitors, at the Lancaster County Holstein and 4-H Dairy Shows, for their Outstanding Performance's

Lancaster County Holstein reserve grand champion is Welk-Crest Jemini Belinda, shown by Mark Welk



In the Jersey competition, Helen Arrowsmith had the champion while her brother, Tom, had the reserve champion

Karen Kauffman's Jr. Champion 1st Place Sr. Heifer Calf is Sukavin Persuader Holly



Maurice, left and Paul Welk stand with Lancaster County Holstein grand champion Welk-View Valiant Tiffany

Lancaster County alternate dairy princess Sarah Arrowsmith handed ribbons to Scott Trimble, champion Brown Swiss, and sister Cindy, reserve champion.

Sandra Kauffman's 1st place Jr. Heifer Calf is Sukavin Bell Lillie

Your Superior Dairy Management and Showmanship Is A Credit To The Dairy Industry. We Are Proud To Have You As A Friend And Customer.

Products and answers that work. WAYNE

WE WON'T ASK FOR YOUR BUSINESS UNLESS WE CAN HELP IMPROVE IT

POWL'S FEED SERVICE, INC.

Peach Bottom, PA

Phone 717-548-2376

Now is the Time

(Continued from Page A10)

important if you plan to seed down a grass-legume mixture next spring.

Many times a clover or alfalfa producer will wait until spring to have lime applied to his field. This is not the best way to obtain a good stand. Lime needs up to six months to react in the soil and correct acidity.

If soils need lime, it should be worked into the topsoil when the small grain seedbed is being prepared. Legume seedings are costly; be sure the soil is between 6.8 to 7.0 pH so they have a good chance to survive.

To Plan Winter Cover Crops

This is a good time to give some thought to a winter cover crop on land that has been tilled this past season. The seeding of ryegrass, bromegrass, or winter grains following the harvesting of the main crop this fall, will help reduce soil erosion.

In addition, a cover crop adds organic matter when it is incorporated into the soil next spring. Cover crops are especially helpful on slopes and hillsides where water erosion is a problem. Just a word of caution, some herbicides used on corn (atrazine) may prevent growth of any grain or cover crop this fall.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, August 7
Report supplied by auction

Beef Cows: Utility and Commercial 42.10-45.75; Cutters 38.25-41.75; Canners 35.25-37.50; Shells 30.00.

Heifers: Good 53.75-56.75; Standard 48.75-51.50; Commercial 43.00-47.50.

Steers: Good 51.75-53.75; Standard 44.50-50.25.

Bulls: Good 51.85-54.50; Standard 45.00-49.75.

Veal Calves: Good 61.00-66.00; Standard 50.00-58.00; Utility 43.00-48.00.

Farm Calves: Bulls 58.00-68.00.

Hogs: 53.25-55.00.

Sows: 40.00-43.50.

Boars: 28.00-37.50.

Shoats: 25-30 lbs. per head 19.00-26.00; 30-35 lbs. per head 28.00-33.00; 35-50 lbs. per head 29.00-40.00.

Lambs: 50.00-57.50.

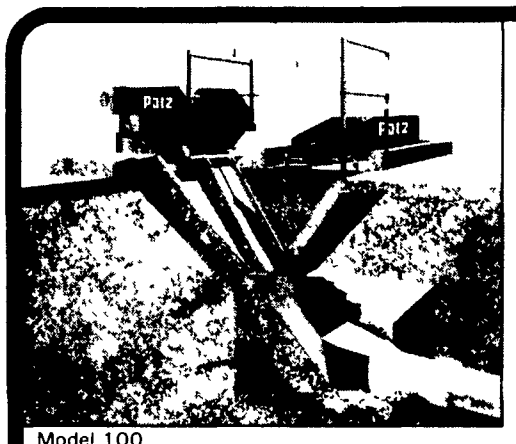
Sheep: 8.00-14.00.

Goats per head 12.00-30.00.

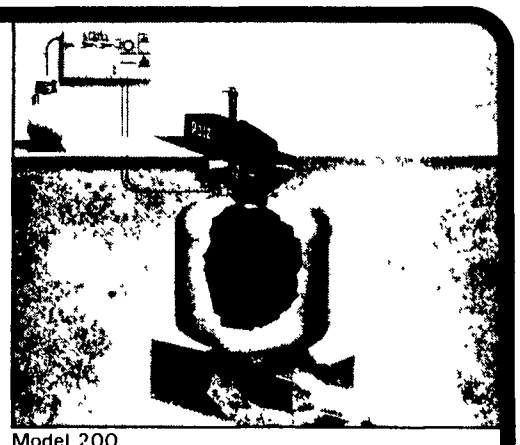
Patz

Performance Strong as Steel

RUGGED AND RELIABLE... That's The Way Patz Builds Equipment



Model 100



Model 200

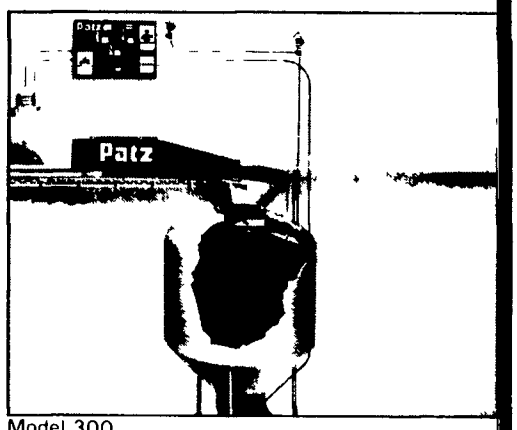
Truly automated manure-handling systems

Patz can end daily manure hauling and help you preserve manure's valuable nutrients--up to $84 fertilizer value from each cow annually. Choose the Patz manure-handling system to meet your needs.

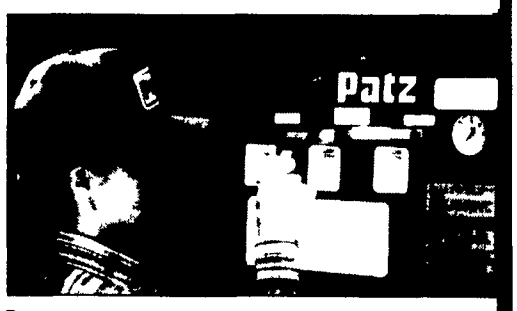
For semi-solid manure: Model 300 Air Manure Mover. Compressed air moves manure with long straw through 24-inch pipe to storage. Few moving parts assure long service life. Load and haul manure with your present equipment to keep investment low.

For slurry manure: Model 100 Slurry Pump. Large-capacity 7" by 15" plunger moves manure to storage through 12" or 15" PVC pipe. Plunger stroke length adjusts, depending on manure consistency. Plunger and plunger sleeve remove easily for inspection.

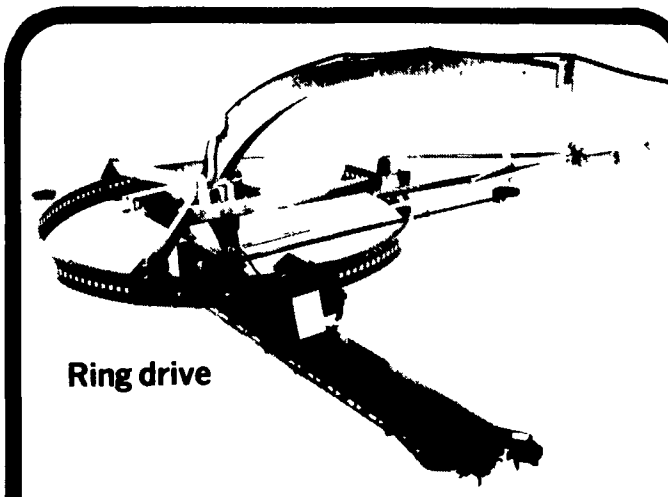
For liquid manure: Model 200 Manure Mover. Compressed air moves manure from a 1,700-gallon collection tank through PVC pipe to storage. Few moving parts provide low maintenance, easy service and long life.



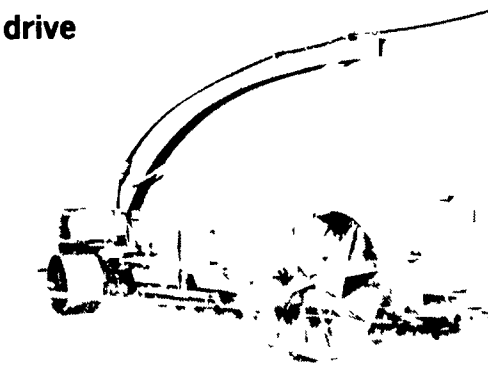
Model 300



Patz gives you inside the barn comfort and fingertip ease of manure handling


Ring drive

Surface drive



Reliable Feeding

Hard-packed and frozen silage makes feeding more than a routine chore.

Patz gives you two solutions to the problem — the RD-820 ring-drive silo unloader and the 98B surface-drive silo unloader. Both have a double-hook gathering chain with hardened steel cutters and claws that cut through frozen and packed silage.

- Spring-tensioned powered cutter keeps silo walls free of buildup.
- Preset depth-of-cut control makes feeding truly automatic (98B).
- Powerful blowers with adjustable impeller blades do the job.

We'll show you how to get the most performance for your money.

BE SURE TO STOP BY THE PATZ DISPLAY AT

AG PROGRESS DAYS - AUGUST 21 to 23

Located At Main St. and E. 5th St.

Patz — **See The Patz Dealer In Your Area For Products And Service...**

ALEXANDRIA
MAX ISENBERG
814-669-4027

BALLY
LONGACRE ELECTRIC
215-845-2261

BERRYSBURG
HOCH'S REPAIR CENTER
717-362-8252

CAMP HILL
LLOYD SULTZBAUGH
717-737-4554

ELLIOTTSBURG
CARL R. BAER
717-582-2648

FORKSVILLE
DURWOOD J. WHITELEY
717-924-3460

HAMBURG
SHARTLESVILLE FARM SERVICE
215-488-1025

LEBANON
AUTOMATIC FARM SYSTEMS
717-274-5333

PIPERSVILLE
MOYER FARM SERVICE
215-766-8675

QUARRYVILLE
UNICORN FARM SERVICE
JAMES E. LANDIS
717-786-4158

STONEBORO
ELDER SALES & SERVICE
412-376-3390
376-3740

TERRE HILL
TERRE HILL SILO CO. INC.
215-445-6736

MARYLAND DEALERS

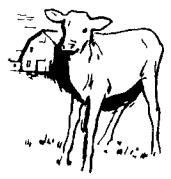
KENNEDYVILLE, MD
PINDER SERVICE CO
301-348-5263

NEW WINDSOR, MD
ROOP FERTILIZER & CHEMICAL
301-775-7678

DISTRICT SUPERVISOR
Roy W Thillberg
216-549-5492

MARX BROS. MEATS, INC.

Purveyors of American
Veal & East Coast Lamb
Established 1895



We Encourage and Purchase 10 Week Old Calves At The Same Price Levels As 14 & 16 Week Old Calves. Of Course, We Also Purchase 14 & 16 Week Old Calves.

CALL US FOR MORE INFORMATION ON THIS PROGRAM

(201) 747-0296

We Share Trucking Cost With Farmer

Keister's Livestock

Middleburg, Pa.
Tuesday, August 14, 1984
Report Supplied by Auction

CATTLE 357. Compared with last Tuesday's market, High Choice & Prime steers 67-68.10, Choice 64-67.35, Good 58-64.00, Standard 52-58.00, Utility 45-52.00. Heifers Choice 61-63.35, Good 55-60.85, Standard 48-55.00, Utility 42-48.00. Breaking Utility and Commercial cows 40.75-46.75, Cutter & Boning Utility 38.50-43.75, Canner & Low Cutter 32-38.50, Shells down to 28.00. BULLOCKS: Good 52-55.85. Bulls: Yield Grade No. 1 1200-2025 lbs. 50.85-57.60, Yield Grade No. 2 800-1200 lbs. 42-50.75.

FEEDER STEERS: Medium Frame #1 300-850 lbs. 48-62.00 few to 68.00. Heifers; Medium Frame #1 300-800 lbs. 35-59.00; Bulls; Medium 300-650 lbs. 38-62.00.

CALVES 212. Choice Vealers 70-80.00, Good 55-68.00, Standard & Good 90-110 lbs. 45-55.00, Utility 66-90 lbs. 35-45.00.

FARM CALVES: Holstein Bulls 90-120 lbs. 50-65.00.

HOGS 465: Barrows & Gilts, US No. 1-2 210-235 lbs. 55-56.50 few 57.05, US No. 1-3 190-250 lbs. 54.25-55.00, US No. 2-3 190-270 lbs. 42-54.25. Sows: US No. 1-3 350-600 lbs. 42-46.50, No. 2-3 300-500 lbs. 35-42.00, Boars 34.25-40.50.

FEEDER PIGS 302. US No. 1-3 10-25 lbs. 15-22.50 per head, No. 1-3 25-50 lbs. 20-34.50 per head.

SHEEP 47. Choice 80-110 lbs. spring slaughter lamb 56-63.00, Good 40-80 lbs. spring slaughter lamb 40-52.00. Slaughter ewes 12-25.00.

St. Louis Cattle

Thursday, August 16, 1984
Report Supplied by USDA

Receipts This Week:	3,700
Week Ago:	3,600
Year Ago:	4,700

Compared to last week's close, slaughter steers and heifers weak to .50 lower. Cows steady to 1.00 higher, advance on high-yielding utility. Bulls generally steady. Slaughter supply mainly choice slaughter steers and heifers, around 20% cows.

* The percentage of cows being marketed increased substantially this week due to the draught condition.

SLAUGHTER STEERS: Mixed choice and prime 2-4 1050-1275 lbs. 64.50-65.00. Choice 2-4 1000-1250 lbs. 63.50-64.50; 900-1000 lbs. 60.00-63.00; 850-900 lbs. 59.00-60.00. Mixed good and choice 2-3 900-1200 lbs. 60.00-63.00. Good 2-3 900-1175 lbs. 58.00-60.00; 850-900 lbs. 56.00-58.00. Good 2-3 1050-1250 lb. holsteins 52.00-57.00, package 57.50.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 900-1100 lbs. 63.00, part load 63.50. Choice 2-4 900-1050 lbs. 61.50-63.00; 800-900 lbs. 58.00-61.50. Mixed good and choice 2-3 800-1025 lbs. 58.00-61.50. Good 2-3 750-950 lbs. 55.00-58.00; 700-750 lbs. 51.00-55.00.

COWS: (Closing week sales) Boning utility and commercial 2-4 37.00-40.00. Cutter and boning utility 1-2 37.00-40.00. High-yielding boning utility 1-2 40.00, few 41.00 and 42.00. Canner and low cutter 1-2 33.00-37.00. Shelly canner 1-2 30.00-33.00, few 650-800 lbs. 28.00-30.00.

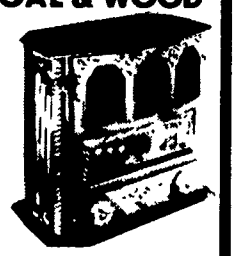
BULLS: YG 1-2 1100-1900 lbs. 44.00-48.00, individual YG 1 50.00.

DUSSINGER'S QUALITY STOVES

COAL & WOOD

Crane Stoves.

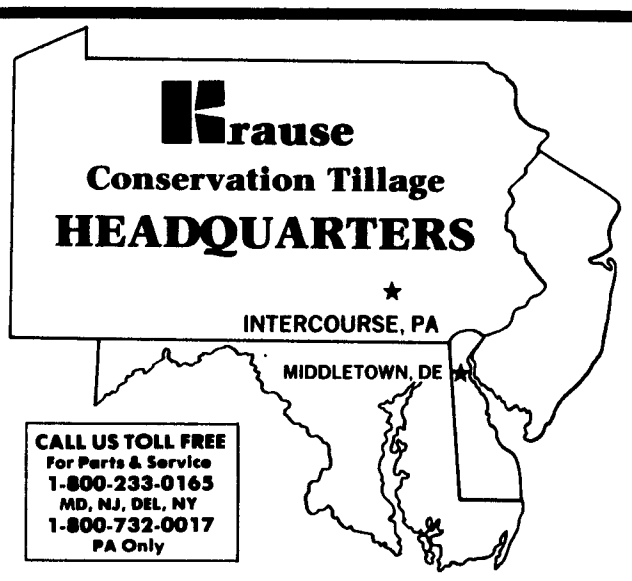
Nobody in this whole country makes a better coal stove than Crane



Glass Enclosures by Schaefer

2533 Old Phila. Pike, Rt. 340, Smoketown, Pa.
T,T & F 10-8 W & S 10 till 5
Mon Appt
(717) 397-7539

Krause
Conservation Tillage
HEADQUARTERS



CALL US TOLL FREE
For Parts & Service
1-800-233-0165
MD, NJ, DEL, NY
1-800-732-0017
PA Only

C.B. HOOBER & SON INC.
Intercourse, PA (717) 768-8231
Middletown, DE (302) 378-9555

Sells

KRAUSE the tillage innovators

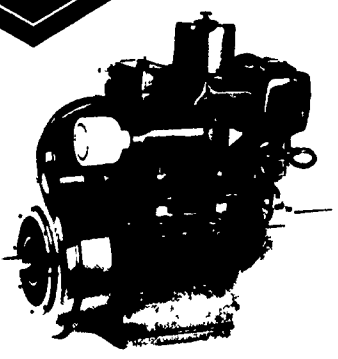
Ask Your Neighbor About Krause. . .

He Probably Owns One

KRAUSE HAS A TILLAGE TOOL FOR YOU!

See Our Full Line Of Krause Equipment On Display
At Our Location Or At AG PROGRESS DAYS, West 2nd St.

PETTER DIESELS



AIR-COOLED PH2
Water Cooled Version Available

- Hand Cranked Standard
- 24 Air & Water Cooled Models Available - 1½ - 40 H.P.

Diesels Our Speciality
Call For Used Diesels

Let Us Know Your Service Problems
24 Hour Service Check Our Prices
AUTHORIZED PETTER DISTRIBUTOR

HOOVER DIESEL SERVICE

NEW PH. NO'S Main Location	Branch Location
PH: 717-656-3322	PH: 717-786-2173
717-293-1729	RD 3, Box 91A
2998 West Newport Rd.	Quarryville, PA 17566
Ronks, PA 17572	2 miles West of
2½ miles East of Leola	Georgetown on Furnace
Along Rt. 772	Rd.

DEALER INQUIRIES INVITED

Philadelphia Wholesale Fruit and Vegetable Report

Philadelphia, Pa.
Monday, August 13
Report Supplied by USDA
FRUIT

APPLES: ABOUT STEADY. CONTROLLED ATMOSPHERE STORAGE ctn tray pack; WASH Red Delicious USExFcy 72s one lot 17.00; 88s 16.00-17.50; 100-113s 15.50-16.50; 125s 14.50-16.50; 138s 14.50; USFcy 100s 14.50; Winesaps USExFcy 125s one lot 16.00; REGULAR STORAGE ctn tray pack; SOUTH AFRICA Granny Smith 88s 22.00; 100-110s 21.00 ctn 12-3 lb film bags 2 ¼" min WV Comb USExFcy Lodi ord cond 3.00.

VEGETABLES

BEANS: SLIGHTLY HIGHER. Various bu containers Round Green type unless otherwise stated; NJ 4.00-5.00 one lot 6.00 fair qual & cond 2.50-3.50; Lima 10.00.

BEETS: NJ crts & ctns bchd 12s 4.00 topped bubkt 7.00; OHIO crt bchd 12s one lot 5.00.

BROCCOLI: CALIF ctn bchd 14s 11.00-11.50; 18s 12.00 few 11.50; ME ctn bchd 14 & 18s 9.00 few higher.

BRUSSEL SPROUTS: CALIF 25-lb ctn loose 17.00.

CABBAGE: ABOUT STEADY. 1-¾ buctn & crt medium Green unless otherwise stated; NJ 3.00-4.00 mostly 3.50 one label 4.25-4.50; Savoy 5.00; Red few 8-8.50; NY sks 10s 4.00; CANADA Red 8.00.

CARROTS: HIGHER. 48-1 lb film bags in film sacks; CALIF med-lge 10.50-11.00 one label 12.50; CANADA med 7.00-8.50; 24-2 lb film bags in film sacks; CANADA med 8.00; 50-lb sks loose jbo; CALIF 11.00; CANADA 10.00; Miniature 20-12 oz film bags; OHIO few 6-6.50.

CUCUMBERS: HIGHER. 1-1/9 bucrts & ctns waxed medium unless otherwise stated; NJ including unwaxed fair qual 3.50-4.00; Pickles sml-med 10.00; lge 3.50-4.00; MICH fair cond 3.50 few higher; NY 7.00 fair qual 5.00; FLA ctn Long Seedless 12s 7.00.

LETTUCE ICEBERG: LOWER. Ctn 24s unless otherwise stated; CALIF 14.00-15.00 few 16.00 few 13.00 film wrpd 15.00; 30s 14.00-15.00; NY 7.00-8.00 mostly 8.00 one label 10.00 fair cond low as 5.00; WISC 11.00; CANADA 10.00 some 9.00.

PEPPERS: SLIGHTLY HIGHER. Calif Wonder type Green 1-1/9 bucrts & ctns unless otherwise stated; NJ lge 4.00-5.00 mostly 4.50-5.00 few 5.50; med-lge 3.50-4.00; med 3.00-4.00 mostly 3.50-4.00; sml 2.50-3.00 few 2.00; Mixed Red lge 3.00-4.00; Red Field Run 9.00 Cubanelles lge 6.00; CALIF lge one lot 8.00; med-lge 7.00; Red lge 20.00-22.00; NC Cubanelles fair cond lge 4.00.

TOMATOES: ABOUT STEADY. 25-lb ctn Pink to Light Red US combination or better or generally good quality unless otherwise stated; SALES BY REPACKERS; VA 5x6s 17.00 one lot 20.00 fair qual 15.00; 6x6s one lot 17.00 fair qual 13.00; 6x7s one lot 13.00; SALES BY OTHERS; MD ord cond lge 4.00-5.00; med 3.00; TENN fair qual 5x6s 11.00-12.00; 6x6s 9.00-10.00; MICH 20-lb ctn fair qual lge 8.00; NJ Green to Red wide range in qual & cond lge 6.00-8.00 mostly 7.00 few 5.00 poor-ord cond 1.00-4.00; med 4.00-6.00 mostly 4.00-5.00 few 7.00 ord cond low as 2.00 no size mark ord qual and cond 2.00-3.00; CANADA 8-lb bkt med; Red 3-3.50; CHERRY TYPE 12-1 pt flats; VA one lot 13.00; NJ Red 5.00-6.00.

SUFFOLKS

J - T RANCH

BRED EWE
FLOCK REDUCTION SALE

BY PRIVATE TREATY

SUFFOLKS

WHY WE ARE SELLING:

DUE TO HEALTH AND NEW CAREER DEMANDS, WE HAVE DECIDED TO REDUCE OUR FLOCK TO MAKE IT MORE MANAGEABLE. A CROSS SECTION OF OUR FLOCK IS BEING OFFERED, BRED TO OUR RATHBUN STUD - WHO ALSO SELLS. IT IS OUR HOPE THAT THESE EWES CAN ENTER INTO OTHER FLOCKS, AND BECOME SUCCESSFUL FOUNDATION STOCK - AS THEY HAVE BEEN REPEATEDLY FOR US.

WHAT WE ARE SELLING:

EWES HAVE BEEN SELECTED FROM EACH AGE GROUP. OUR CRITERIA FOR SELECTION HAS BEEN THE SAME AS OUR REPLACEMENT SYSTEM. MANY EWES WERE ONCE MEMBERS OF OUR SHOW STRING. THERE ARE EWES WE REGRET SELLING, BUT FEEL CONFIDENT THESE ARE THE TYPE YOU WANT TO ADD TO YOUR FLOCK

OFFERING:

11 TWO YEAR-OLDS
8 THREE YEAR OLDS
6 FOUR YEAR OLDS
5 FIVE YEAR OLDS

RATHBUN STUD
A TWO YEAR-OLD WHO HAS PRODUCED MANY COMPETITIVE CLUB LAMBS IN PENNSYLVANIA AND MARYLAND

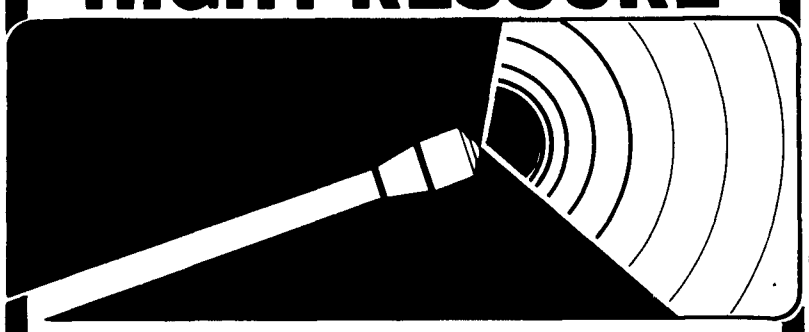
BLOODLINES BATIE, LARSON, MICHIGAN STATE, OLSEN, ANDRUS, AND HALL.

CALL TODAY TO MAKE RESERVATIONS FOR FLOCK INSPECTION.
THESE EWES WILL NOT LAST LONG AT THESE PRICES

Sale Managed by
Ken Brubaker
P.O. Box 149
Westtown, PA 19395
215/696-5483

JACK & TROY NESS
R D 1
DALLASTOWN, PA 17313
717/244-9613

HIGH PRESSURE



WATER WASHERS

For Hog, Poultry & Veal Animal Confinement Operations

Warwick Hot and Cold Water Washers deliver over 2000 psi of profitable cleaning power for your toughest jobs
Our patented diaphragm pump can't be damaged by running dry!

Available with electric or gasoline power and a complete line of special application accessories

WARWICK

Call Today - For More Information or No Obligation Demonstration.

RENTAL UNIT AVAILABLE
2200 P.S.I. Hot Pressure Washer with Generator and Trailer
Call Ken Burkhart or Dean Weinhold

AUTHORIZED DISTRIBUTOR - SALES & SERVICE

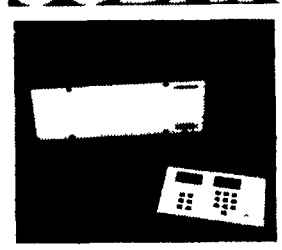
FARMERSVILLE EQUIPMENT INC.

RD 4, East Farmersville Rd., Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271

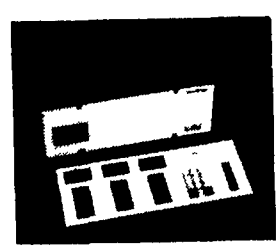
CODATRON
Individualized Computer Feeding Systems

WESTFALIA HIGH TECH DAIRYING
CODATRON

WESTFALIA



MODEL F26 CODATRON Systems have performed remarkably well under many varied conditions worldwide The Model F 26 computer features the most modern microprocessing capabilities Up to 24 feeding stations with two feeds per station the capability of dispensing a wide variety of concentrates and a memory capacity for 999 cows is available in the F 26 model
The Model F 26 will provide the following reports
1 Daily Automatic Cow Feed Exception
2 Individual Cow Check Listing
3 Feed Station Usage/Feed Bin Monitor
FEATURES
- Maximum feed allotted is adjustable
- Maximum feed intake during any one interval is adjustable
- Battery back up power
- Data Recorder option available
- Expandable to future needs



MODEL L Westfalia technical advances abound with the CODATRON Model L The Model L includes and greatly expands the F26 features through the use of a cow calendar for breeding management It also contains Health and General Coding Systems
The Model L will provide the following reports
1 Daily Automatic Cow Feed and Breed Exception
2 Individual Cow Check Listing
3 Feed Station Usage/Feed Bin Monitor
4 Herd Breeding
5 Individual Cow Report by Lactation Period
The systems handles up to 22 feed stations with two feeds per station and a memory capacity for up to 560 cows The Model L provides daily management information on individual cows as to Days in lactation calving interval calving date breeding dates, sire code advance warning of cows coming into heat pregnancy date, dry period lead feed concentrate prior to calving and cow health data
Additional Options
- Data Recorder
- Expandable to foreseeable future needs

A defined assistant for your herd feeding/breeding/health management programs!

SPECIAL FREE VHS VIDEO DECK

For Every Dairy That Invests In A Codatron During August & September 1984.

CALL NOW OR SEE US AT AG PROGRESS DAYS - WESTFALIA EXHIBIT LOCATED ON WEST 10th STREET

We Want To Help You Maximize Your Profits. Call Us For FREE Consultation

FISHER & THOMPSON ASSOCIATES

Milk Equipment Sales & Service

Amos Fisher
717-687-8871

21 E. Woods Drive, Lititz, PA
PH: 717-627-1530 24 Hr. Service

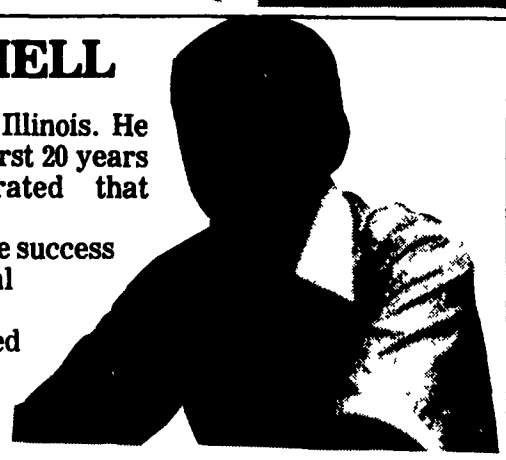
Rick Thompson
717-627-1530

HESS MILLS
In Paradise/Unionville

YOU PROBABLY DON'T KNOW HIM...YET!

MEET:

JIM MITCHELL



He was born and raised on a family dairy farm in Illinois. He learned enough about farming successfully during his first 20 years that he and his brother managed and operated that Holstein/Guernsey farm for the next five years.

A man whom experience has taught well, Jim knows the success of raising three Illinois state record cows and one National record cow.

These superior animals in milk production have been fed Purina Feeds since weaning.

So, why tell you all this?
Because...

Jack Hess would like to introduce Jim Mitchell as a new dairy specialist at HESS MILLS serving Lancaster and Chester Counties.

Jim's profitable experience in raising dairy cattle helps him to guide dairy farmers in using the most successful feeding and management programs. And since he has always fed Purina, Jim knows well the quality and consistency of a sound, time-tested product: one that works! Using his words: "You gotta feed them to their genetic potential." Of course, good management, breeding, feeding, and good sanitation make a big difference as well.

In addition to his personal farming experience, Jim has a degree in ag education with a minor in ag business, both from Southern Illinois University.

If your dairy herd is located in the Strasburg, Quarryville, Southern Lancaster County Area, be looking for him.. You'll like what he has to say: about good, sound farming practices and, especially, PURINA Feeding programs!

For complete satisfaction in managing and feeding your dairy herd, call HESS MILLS (or your local Purina Dealer) today!!

YOUR PURINA DEALER IN PARADISE SINCE 1918!

HESS MILLS
PURINA CHOWS

Paradise, Pa.
(717) 442-4183

Unionville, Pa.
(215) 347-2377

Livestock market and auction news

Oklahoma Cattle

Wednesday, August 15
Report supplied by USDA

Estimated Receipts 6,000
Same Day Last Week 7,487

Compared with Tuesday: Feeder Steers steady to 50 cents higher. Steer demand good. Feeder Heifers steady to 1.00 lower. Heifer demand fair only. Bulk supply Medium and Large Frame 1 thru 2 400-850 lb. Steers and 350-750 lb. Heifers. Percentage of No 1's considerable less than Tuesday. Run expected to fall short of early estimate by around 1500 head.

FEEDER STEERS: Medium and Large Frame 1 155 lb. 81.50; 375-500 lb. 66.00-70.50, lot 420 lb. 71.90; 500-600 lb. 63.25-68.50; 600-700 lb. 63.90-65.70; 700-800 lb. 63.70-64.90; 800-900 lb. 62.80-64.80. Medium and Large Frame Mixed 1-2 few 300-310# 65.00-69.00; 400-500# 62.40-66.75; 500-600 lb. 61.00-65.00; 600-800 lb. 61.00-64.50, lot 685 lb. gaunt 64.90; lot 825 lb. 61.50. Medium and Large Frame 2 400-600 lb. 60.25-64.00; 500-600 lb. 59.50-62.50, couple lots reaching 63.30-64.20; 600-750 lb. 57.00-62.30; 965# package 52.10. Large Frame 2 Holsteins 440-480 lb. 44.90-45.10; small lot 710 lb. 46.50. Small lot 990# 44.00.

FEEDER HEIFERS: Medium and Large Frame 1 155 lb. 66.50; 295 lb. 60.75; 350-500 lb. 54.00-58.60, lot 380 lb. 60.00; few 575-600# 56.60-58.70; 600-800# 57.50-59.25, two lots 615-650# 59.90-60.10. Medium and Large Frame Mixed 1-2 few 375-500 lb. 51.75-55.00; 500-700 lb. 53.50-57.00; lots 800 lb. 54.20-56.00. Medium and Large Frame 2 275-800 lb. 46.90-53.00 mostly 49.00-53.50, lot 605 lb. thin 54.50.

FOR THE WEEK: Feeder Steers firm to 1.00 higher. Feeder Heifers under 500# also firm to 1.00 higher; Heifers over 500# weak to 1.00 lower. Slaughter Cows 1.50-2.50 higher through Wednesday. Bulls 2.00-2.50 higher.

Peoria Cattle

Thursday, August 16, 1984
Report Supplied by USDA

Compared to last week: Slaughter steers and heifers generally steady to weak, instances .50 lower. Slaughter cows mostly steady to firm bulls steady. Steers and heifer supply mostly good to average choice 975-1050 lbs. steers and 850-975 lbs. heifers. Cow supply about 6% receipts this week about 1725 as compared to 2344 a week ago and 2426 a year ago.

SLAUGHTER STEERS: Choice 2-4, mostly 3, 1000-1125 lbs. 64.00-66.00, load 1190 lbs. 66.25; 2-3 900-1000 lbs. 63.50-65.00. Mixed good and choice 2-3 900-1050 lbs. 62.50-64.50. Good 2-3 850-1100 lbs. 58.00-63.00. Few good 2-3, 1050-1150 lbs. holsteins 52.00-56.00.

SLAUGHTER HEIFERS: Choice 2-4 1000-1060 lbs. 64.00-65.50; 900-1000 lbs. 63.00-64.50; 800-900 lbs. 58.50-63.50. Mixed good and choice 2-3 850-1000 lbs. 58.50-63.00. Good 2-3 850-950 lbs. 56.00-60.00.

COWS: Breaking utility and commercial 2-3 38.00-43.00, few higher dressing individuals to 45.00. Cutter and boning utility 1-2 36.00-41.00. Canner and low cutter 33.00-37.00, few thin cows to 30.00.

BULLS: YG 1-2 1150-1800 lbs. 42.00-48.00.

G&M Livestock

Monday, August 13
Duncansville, Pa.
Report supplied by auction

SLAUGHTER CATTLE: Steers-Choice 63.00-66.10; Good 54.00-63.00; Standard 48.00-54.00; Utility 42.00-48.00. Heifers- Choice 63.00-65.00; Good 54.00-63.00; Standard 46.00-54.00; Utility 40.00-46.00. Cows- Choice 42.00-44.00, couple to 45.50; Good 40.00-42.00; Standard 36.00-40.00; Utility 34.00-36.00; Cutters 32.00-34.00; Canners down to 28.00. Bulls 1100-2092 lbs. 46.00-55.75, 900-1100 lbs. 44.00-52.00.

FEEDER CATTLE: Steers-Choice 300-700 lbs. 48.00-60.00. Heifers- Choice 300-600 lbs. 46.00-56.00.

CALVES: Vealers- Prime and High Choice 65.00-78.00; Good and Choice 55.00-65.00; Standard 40.00-55.00; Utility down to 30.00. Farm calves- Holstein bulls 90-120 lbs. 60.00-82.00. Heifers 90-120 lbs. 55.00-70.00.

HOGS: Barrows and Gilts 210-250 lbs. 53.00-56.10; 170-300 lbs. 48.00-53.00. Sows 300-600 lbs. 42.00-50.25. Boars 34.00-39.50.

FEEDER PIGS: 25-35 lbs. 22.00-30.00 per head; 35-50 lbs. 30.00-38.00.

SHEEP: Slaughter lambs 50-90 lbs. 48.00-66.00; Ewes 12.00-32.00.

GOATS: 3-10 lbs. 35.00.

Joliet Cattle

Wednesday, August 15, 1984
Report Supplied by USDA

Friday through Wednesday,
Salable Receipts 1,900
5 Days Last Week 1,790
Same Period Year Ago 2,419

Trading slow to moderate for the week. High choice to prime steers ended the week steady to 50 cents higher, compared with Wednesday of last week. Good to average choice steers ended the week steady to 1.00 lower. Slaughter heifers ended the week steady, instances 50 higher.

No recent test on cows.

SLAUGHTER STEERS: Choice with a few prime, 3-4, 1175-1325# 68.50-68.75; 3 loads on Wednesday at 69.00. Choice 2-4, 1050-3000#, 64.00-67.00; mostly 65.00-67.00.

Choice 2-3, 975-1050#, 64.00-65.00. Mixed good and choice 2-3, 1000-1150#, 62.00-64.50. Load, mostly choice, 2-3, 1435# holsteins, 55.50.

SLAUGHTER HEIFERS: Choice 2-4, 900-1150#, 64.00-65.50. Mixed good and choice, 2-3, 900-1000#, 61.00-63.50.

COWS: Canner, a few low cutter, 1-2, 37.00.

Greencastle Livestock

Greencastle, Pa.
Monday, August 13
Report Supplied by Auction

CATTLE 430. Butcher Steers-Choice 65.00-68.00; Butcher Steers-Medium-Good 52.00-65.50; Butcher Heifers-Choice 57.00-65.00; Butcher Heifers-Medium-Good 45.00-61.50; Butcher Cows-Utility-Good 41.00-45.85; Butcher Cows-Canners and Cutters 37.00-43.00; Butcher Cows-Shells 37.00 and down; Butcher Bulls-Medium-Good 46.50-55.75; Stock Steers-Medium-Good up to 65.00; Stock Heifers-Medium-Good 53.50.

CALVES 457. Medium-Good Calves-160-220 lbs. 55.00-70.00; Medium-Good Calves-125-160 lbs. 50.00-65.00; Medium-Good Calves-100-120 lbs. 50.00-60.00; Medium-Good Calves-80-100 lbs. 42.50-55.00; Holstein Bull Calves up to 74.00; Holstein Heifer Calves 55.00; Light And Green Calves down to 30.00.

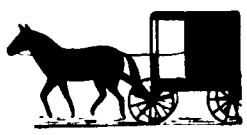
SHEEP and LAMBS: Choice Lambs up to 60.00; Medium-Good Lambs 45.00-54.50; Butchering Ewes And Bucks up to 26.00.

HOGS: Good-Choice Butcher Hogs 190-225 lbs. 50.00-54.00; Good-Choice Butcher Hogs 225-250 lbs. 53.00-54.00; Good-Choice Butcher Sows 400 lbs., up to 46.00; Good-Choice Butcher Sows 400 lbs. 47.00; Heavy Boars 34.00; Pigs-Per Head 14.00-36.00.

JACOB KOFMAN CO.
Route 220
Wingate, PA 16880
Near Intersection of I-80 & 220
Office Phone 814-355-2422
355-9570
SURPLUS TRUCKS & PARTS
USED TRUCKS & AUTO TIRES

Heavy Duty Radiator & Cleaning Kits	$1.00
Different Sized Bolts In Stock At	$.50/lb.
Turn Buckels 24"x1¼"	$25.00 each
36"x1¼"	$27.50 each
1968 Chevy 2,000 gal. Tank Truck for Compartment, Good Condition	$2,500
Hydraulic Fluid, 1 Gal. Cans	$2.50

Come One...
Come All...
And



PICK YOUR OWN PEACHES!

SUN HIGH TRIOGEM LORING
Now Available!

Avail. Aug. 25 - Early Elberta
(Apricot Peach)

• Good Crop Available Now...
Call 717-933-4126 Before You Come

PICKING HOURS:
Mon. to Sat. 8 AM to 6 PM
Sunday 8 AM to 4 PM

★ Retail Stand Open 8 AM to 9 PM
★ We Sell to Wholesalers — Call For Details

MT. AETNA ORCHARDS
3½ miles north of Myerstown
along PA 501
Mt. Aetna, PA

Thanks and Congratulations
to
BEEKMAN FARMS, INC.
Somerville, N.J.

On Their New, Counter Slope, Slatted V.P.I. Heifer Unit

FEATURES
- Timber Column Construction
- Sidewall Regulator Vents
- Self-Locking Adjustable Head Locks
- Slatted Floor Manure Storage Under Feed Alley

BUILT BY:
AGRI-INC.
DESIGNERS & BUILDERS of SYSTEMS
RD 4 EPHRATA, PA 17522
Located In Farmersville
Phone 717-354-4271

For All Your Farm Building Needs, Large or Small, Let Our Experience Work For You

Stop In And See Us
At AG PROGRESS DAYS
Located On West 4th Street

DAIRYMEN:
Get Details On Our 2 FOR 1

SPECIAL* ON VIGORTONE CALF PRODUCTS

including

- Milk Replacers No. 22-24
- Kalf-Ayd No. 23
- Calf Starters No. 25-26

SEE ONE OF THESE VIGORTONE DEALERS:

J. CLYDE BRUBAKER
Regional Manager
2418 Harrisburg Pike,
Lancaster, PA 17601
717-898-8984

GARY D. SPIDELL
Regional Manager
RD 1, Box 48
Home, PA 15747
412-397-8289

* **ED FOGG**
Malvern, PA
215-647-6818

H FRIELING & SONS INC.
Philip Fr.eling
Hegins, PA
717 682 3991

RAYMOND B. NOLT
Bethel PA
717 933 4887

KENNETH L STUTZMAN
Kutztown PA
215-682 2624

CARL STOLTZFUS
Elverson PA
215 286 9119

PHILLIP HAYES
Oxford PA
215-932 8736

JOHN O. TURN
Kempton PA
215-682-2624

JOHN H. WEBER, JR.
Salem NJ
609-935-0887

HINKLER BROS.
Leroy Hinkle
Ashland, PA
717-875-0608

* **JASON E. MILLER**
Refton, PA
717-786-1383

JAMES W. HOSTETTER
Holtwood, PA
717-284-2671

DWIGHT HOUSER
Lampeter, PA
717-464-4819

H. MELVIN CHARLES & SONS
Washington Boro, PA
717-285-4184 or 684-5783

FRED MYERS, JR.
Dover, PA
717-292-2750

SAMUEL C. BRUBAKER
Seven Valleys, PA
717-229-2522

* **PAUL KENNEDY**
Greencastle, PA
717-597-7804

TRUMAN MARTIN
Hagerstown, MD
301 733-8807

ROBERT HAY
Gettysburg, PA
717-334-1588

ALVEY BAER
Hagerstown, MD
717 264-1559 or
301 733 0385

* **ERIC W. FOGG**
Rehoboth Beach, DE
302-645-8300

* **BILL BEVANS**
Layton, NJ
201-948-3567

PAUL BITTNER
Germansville PA
215-767 7140

PAUL A CRIVELLARDO, JR
Easton PA
215-253-6795

MAPLE GROVE FARM
Nazareth, PA
215-837-6141

GEORGE & DAVID BISHOP
Doylestown, PA
215-766-8161

STILLWATER GRIST MILLS
Stillwater, NJ
201-579-1069

* **ALVIN ESH**
Intercourse, PA
717-768-3128

BILL YODER
Narvon, PA
717-354-0497

COOL SPRING FARM SUPPLY
RUSSEL B. SAUDER
Manheim, PA
717-665-4153

J. KENNETH MILLER
Manheim, PA
717-733-9723

CLAIR HOLLINGER
Mount Joy, PA
717-653-4479

PAUL KREIDER
Palmyra, PA
717-964-3791

AARON MARTIN
Newmanstown PA
717 949-6823

AMOS HURSH
Lititz, PA
717 733 9723

SHERWOOD WITMER
Berrysburg, PA
717-362 8823

* **DONALD G. ALBERTSON**
Spring Mills, PA

J. ROY CAMPBELL
Penna Furnace PA
814-237 3770

KENNETH E SMITH
Middleburg, PA
717 837 3535

DUANE R. AURAND
Lewistown PA
717 242 0885

ED MACKNAIR
Lewistown PA
717 543 5192

* **PAUL SHAFFER**
Schellsburg, PA
814-733-4105

* **GEORGE H. BANKER**
Ulysses, PA
814-848-7674

FOR MOST AG.
Wellsboro, PA
717-724-5800

WALTER SHERMAN
Mansfield, PA
717-662-2881

TERRY DETWEILER
Troy, PA
717-297 3152

DAVE PETERSON
Kane, PA
814-837-7336

RONALD J. COONEY
Ulysses, PA
814-848-9708

MICHAEL THOMPSON
Ulysses, PA
814-848-7216

CLIFFORD GOOD
Whitesville, NY
607 356-3537

OSCAR KENT
Jasben, NY
607 792-3629

TILLMAN CHISSOM
BATH, NY
607 776-2638

* **ELWIN H. REAM**
Hughesville, PA
717-584-4085

RALPH E. BRUNGART
Loganton, PA
717 725-2355

FARNSWORTH FARM SUPPLY
Hughesville PA
717 584 2106

WERTZ BROS.
Danville PA
717 275-1917

DALE SCHUPP
Tunkhannock PA
717 836-4731

DANIEL SPANGLER
New Berlin PA
717 966-0860

KENNETH RYMAN
Nescopeck PA
717 759-1296

RICHARD YULE
Millville, PA
717 458-5234

* **CHUCK GOFF**
New Milford, PA
717-278-2592

ROSS FEEDS INC.
Hop Bottom, PA
717-289-4128

PHIL DEPUE
Montrose, PA
717-967-2282

PETE BELL
Wyalusing, PA
717-746-3278

JOHN DANIELS
Honesdale, PA
717-253-4530

MARK OLVER
Damascus, PA
717-224-4824

* **DAN GREGGS**
Jamestown, PA
412-932-5175

ALLEN & DON HART
Cochranton, PA
814-425-7094

BILL GEER
Franklin, PA
814-437-5369

ALVIN GEHLY
Fredonia, PA
412 475-3845

DEWAYNE HORNE & SON
Greenville, PA
412 588-8773

RALPH KEPNER
Sandy Lake PA
412 376-3448

WAYNE & MIKE OHLER
Polk PA
814-432 3850

SHIRLEY & BOB THOMPSON
Pulaski PA
412 654-0041

JOE URBANICK & SONS
Conneautville PA
814-587 2169

ROB MCKISSICK
Slippery Rock, PA
412-530-6160

* **DAVE BROWNING**
Marion Center, PA

WAYNE A. WOOD
Shelocta, PA
412-354-2651

TED KUCKUCK
Saltsburg, PA
412-639-9019

MAHONING VALLEY MILLING CO.
Punxsutawney, PA
814-938-8850

RON LEARN
Commodore, PA
412-254-9726

VIGORTONE®
AG PRODUCTS

*SPECIAL OFFER FOR A LIMITED TIME ONLY

Backacres cow repeats in Central Jersey

FLEMINGTON, N.J. — For the second time, Backacres Joyous Dixie stole the show and was judged the outstanding Holsteion cow at the Certral Jersey Holstein Show on Friday, Aug. 10, at Flemington Fairgrounds. Judge Donald Hostetter, Parkesburg, awarded her the Grand Champion Female rosette after winning the Aged Cow Class.

She did the same last year!

Dixie is owned by Lucinda Teets Pill. Her dad, Bill Teets, Lebanon, bred the cow, a daughter of Llenroc Joyous Matt. Judge Hostetter remarked on her size, balance, style, and correctness of leg, strength of udder, in placing her at the head of the Aged Cow Class. "It was an impressive class of Holsteins," he said.

There were 90 head in this year's show. Dixie did her share in helping Bill Teets amass enough points to be named Premier Breeder. Penn-Breeze Farm, Charles Rogers and Family, Ringoes, was honored as Premier Exhibitor.

Blue ribbons were well-distributed during the day-long event. Nine exhibitors shared the blue's in eleven heifer and cow classes. Windy Crest Holsteins, Howard Sutton & Son, Califon, took 3 blues in heifer and cow classes, and 2 in group classes. He had the Jr. Champion Female, Windy Crest Buttercup, a daughter of Wileeda Citation R, and she had been 1st Sr. Heifer Calf.

Reserve Champion Female was P-De-B charming Charlene, owned by Peter DeBlock, Johnstown, N.Y. and shown by Jim Powers of Hunterdon Hills Holsteins. Charlene is in residence at HHH, and since her owner is a CJ Holstein Assn. member, she is eligible to show in the area show. A daughter of Straight Pine Elevation Pete, she was 1st in a strong 3-year-old class.

In the Jr. Division of the show, Penn-Breeze Oriel Persua Sandy, owned and shown by Sandy Rogers, was Grand Champion. Reserve in the Jr. Division was Riveaire Persuader Lorie, owned by 4-H'er Wayne Sutton, North Branch. Both champions were sired by Plushanski Persuader.

Jr. Champion in the Jr. Division was Penn-Breeze Oriel Threat Windy, again owned by Sandy Rogers.

In fitting and showmanship competition, Judge Melody Heaton, Hopewell, awarded the many prizes, including:

Janet Rogers - 1st Sr. Youth Fitting; Gretchen Kuehn - 1st Sr. Youth Showmanship; 1st Jr. Youth Fitting - Sherri Coleman; 1st Jr. Youth Showmanship - Shelley Coleman.

The top youth award, a registered Holstein calf donated by Jim & Art Sutton, went to Janet Rogers. Second place in overall youth, a showbox, went to Susan Kuehn.

Special recognition was made of the many contributions made by Margin Stout, Sr., retired Holstein breeder and the Holstein's Association's first president. The show was dedicated to Mr. Stout. An interesting story of his involvement in breeding and promoting Holsteins appeared in the show book.

Announcer was H. "Nate" Repair, Somerset Agricultural Agent. Clerks were Janet Phillips, Three Bridges, and John Repair, Mercer Agricultural Agent. Distributing ribbons and prizes were Hunterdon Dairy Princess Janet Rogers, Hunterdon Alternate Cindy Brenner, and Somserset Dairy Princess Janice Hill.

First place winners by classes were:

Bull Calves - Louis Lynn Wen Mar Snoman ET Wassers and Douglass
Yearling Bulls Femmara Citation Yonne Piskorowski
Champion Bull - Femmara Citation Yonne
Jr Heifer Calves Hemlock Crest Jemini Leanna Wes & Prall Bodine
Intermediate Calves Wen Mars Tony Halo Mark & Wendy Douglass
Senior Calves Windy Crest Citation Buttercup Windy Crest Holsteins
Jr Yearlings - Makarevich Kingsley Karla Tom Holcombe II
Sr Yearlings Windy Crest Chairman Clarabelle Windy Crest Holsteins
Jr Champion Female Windy Crest Citation Buttercup Windy Crest Holsteins
Jr Get-of Sire Wileeda Citation R Windy Crest Holsteins
2-yr olds - Penn Breeze Oriel Persua Sandy Sandy Rogers
3-yr olds P De-B Charming Charlene Peter DeBlock
4-yr olds Hunterdon Milestone Susie Hunterdon Hills Holsteins
Aged Cows Backacres Joyous Dixie Lucinda Pill
Dry Cows Riveaire Persuader Lorie Wayne Sutton
Sr & Grand Champion - Backacres Joyous Dixie Lucinda Pill
Type & Production Windy Crest Elevation Bea Windy Crest Holsteins
Best 3 Females - Backacres
Produce of Dam - Produce of Penn Breeze Libby Tipsy Oriel Penn Breeze Farm
Dam-Daughter Windy Crest Holsteins
Sr Get-of-Sire Backacres

Cornell open house set

WILLSBORO, N.Y. — An open house and progress report on research efforts being carried out at Cornell University's Willsboro Farm is scheduled for Tuesday, Aug. 28. Farmers in the North Country and members of the general public are invited to attend the 1:30 p.m. open house which includes a tour and demonstrations.

Those planning to attend the open house should gather at the tent adjacent to the Willsboro Farm barns along Willsboro Point Road. For more information, contact your local office of Cornell Cooperative Extension.

HUNTER

- Early maturity.
- Ideal for double-cropping.
- Bred to outyield Arthur 71, Coker 747, Coker 916, Doublecrop, Florida 301, Pike and Rosen.
- Short, strong straw — excellent lodging resistance.
- Unique disease protection for dependable production.
- Top quality, certified seed.

P. L. ROHRER & BRO., INC.

Smoketown, PA Ph: 717-299-2571

AGRIPRO™

Agripro is a trademark of North American Plant Breeders Inc., PO Box 2955, Mission, KS 66201 The limitation of warranty and remedy on each bag of Agripro seed is part of the terms of the sale thereof 4-1980R

See Beachley-Hardy at Ag Progress Days

These Producers are Growing with Hardy Brand™ Corn.

"...exceptionally good tonnage." Bud Holmes Hanover, PA

"We've never seen any better corn." Tom Seibert Boiling Springs, PA

"As the name goes, it's Hardy!" Dick & Gary Hahn Easton, PA

"It's clean-husking and stands nice." Paul Musser Manchester, PA

"It stands heavy population." Tom, Jr & Tom McConahy Volant, PA

"Hardy does me a better job." Louraine Smith Mayport, PA

"We put all 1650 acres in Hardy this year." Leroy White Adams, NY

"You get your money's worth." Tim & Howard Dorsey Hagerstown, MD

Your Corn should be Hardy, too!

These field-proven varieties have been specially-bred for your growing region.

602 XS - 113 day, safer yield with fast dry-down
370 XS - 103 day, exceptional yields and standability
301 XS - 100 day, drought-tolerant super picker
270 XS - 93 day, super short-season high yielder

See your local Hardy Brand dealer, or contact:

HARDY HYBRID CORN SEEDS

Beachley-Hardy Seed Company
PO Box 336, Camp Hill, PA 17011, 717-737-4529

"For a Hardy Stand use Hardy Brand"

HONEY BEAR ORCHARDS
Quality Fruit

- Positively Tree Ripened For Excellent Taste
- Can be canned immediately
- LARGE SIZE

PEACHES

Sun High and Lorin $4.75 ½ bu. basket

APPLES

Summer Rambo $3.25 ½ bu. basket

Discount for orders over 10 bushels

1819 Thompson Ave.
Lebanon, PA
717/867-4092
or
867-2967

SOMETHING TO CROW ABOUT....

LOW CLASSIFIED RATES WITH EXCELLENT RESULTS!

GIGANTIC SELECTION

In Lancaster Farming's CLASSIFIEDS

TDS

Coming Soon...

THRIFTY DUTCHMAN SUPPLY

Your One-Stop Farm And Garden Supply Center

NEW HOLLAND, PA

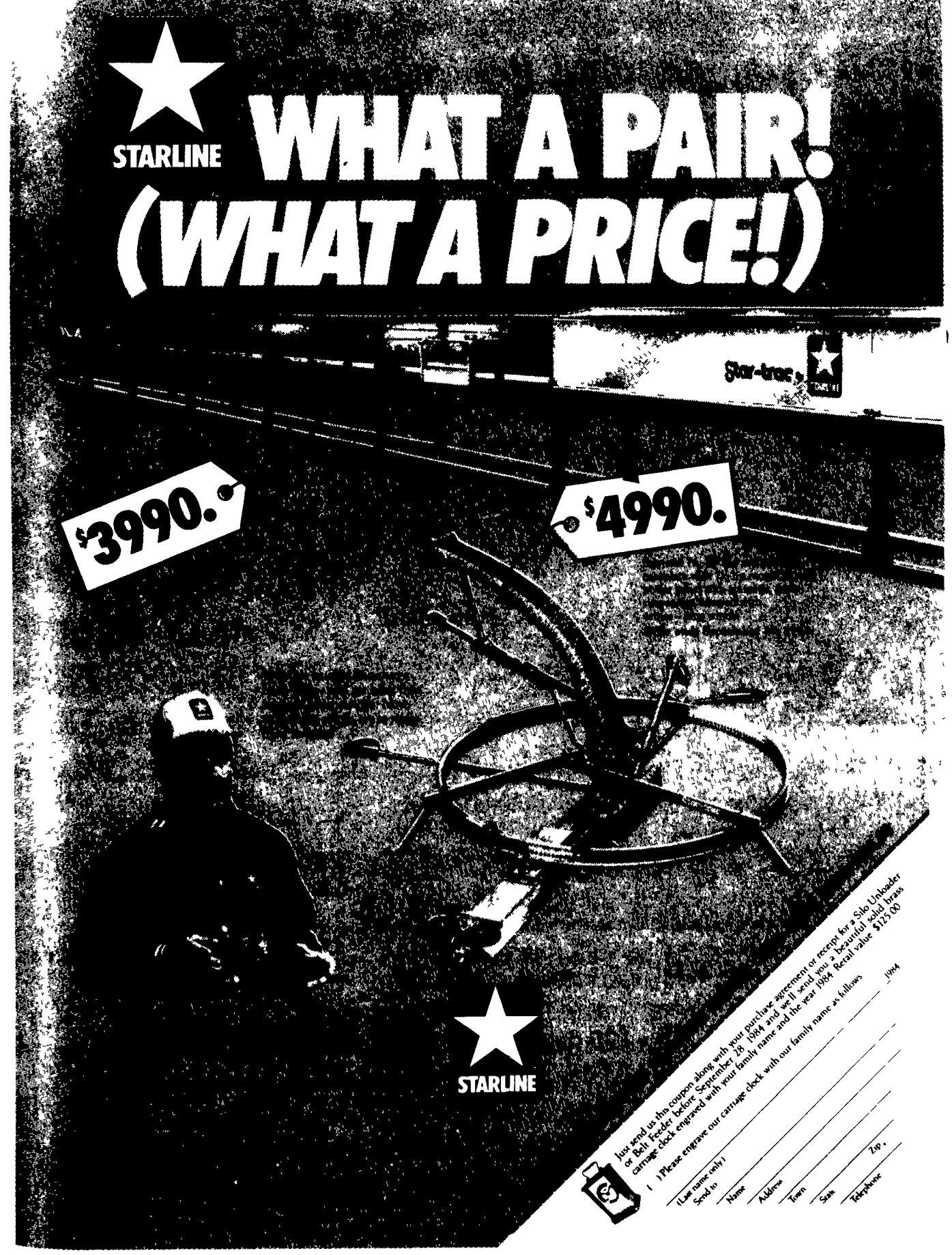
STARLINE

WHAT A PAIR! (WHAT A PRICE!)

$3990.*

$4990.

Star-trac



STARLINE

Just send us this coupon along with your purchase agreement or receipt for a Silo Unloader or Belt Feeder before September 28, 1984 and we'll send you a beautiful solid brass carriage clock engraved with your family name and the year 1984. Retail value $125.00

( ) Please engrave our carriage clock with our family name as follows _____ 1984

(Last name only)

Send to _____

Name _____

Address _____

Town _____

State _____ Zip _____

Telephone _____

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

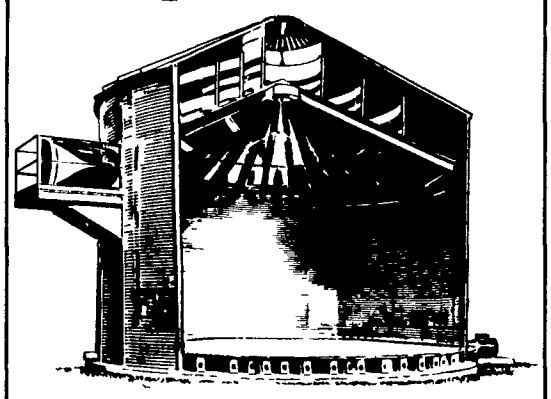
WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948 local)
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
REYNOLDS-KELLY BARN EQUIP.
(814) 724-3614
Also See Ad On Pages B24 & 25

SEE OUR GRAIN DRYING EQUIPMENT DISPLAY AT AG PROGRESS DAYS LOC. WEST 6th ST.

Fast, Efficient, Dependable.



The Stormor EZEE-DRY® Grain Drying System.

The EZEE-DRY has proven itself fast, efficient, and dependable, for more than 15 years Drying capacities are available up to 2,000 bu /hr at 5 points removal, and it doubles as a storage bin after drying is complete

The thin drying layer and high volume low heat airflow ensures uniform drying And, the EZEE-DRY is virtually maintenance free

For a free, no obligation estimate, stop in or call today.

LOUCKS
GRAIN EQUIPMENT INC.

RD #12 Box 307
York, PA 17406
(717) 755-2868

STORMOR

Manufactured by Stormor, Inc , Fremont Nebraska

'This cow spe

Rothrock retains the 'gold' for second ye

BY ROBIN PHILLIPS
Staff Correspondent

Kutztown — The Eastern Holstein champ has been selected. With three more regional champions to be chosen, the stage becomes set for the Pennsylvania State Championship Show on Sept. 6 in Kutztown. If the remaining champions meet the high standards the first two have displayed the excellence at the state show will be tremendous.

Excellence just happens to be a common word in the pedigree of the new champion. Owned by Bruce L. Rothrock, of Rothrock Golden Holstein Farm, R1 Kempton, Angel PB Abbie - ET, makes this the second year in a row that Rothrock Farms has taken "the gold" at the Eastern Pennsylvania Championship Holstein Show, held at the Kutztown Fairgrounds, last Saturday.

"I really admire this udder, the milkiness, ... the attachment. This cow spells milk all over," stated Judge Lynn Miller, of Royal Haven Holsteins. When naming her first place four-year-old, Miller began pointing out the excellent udder and said she had "advantage in capacity, more quality." When placing her as Grand Champion the judge noted "the extreme dairyness of the champion," over the 180 plus entries in the show.

Shown by Jack Miller, manager at Rothrock Holsteins, Angel PB Abbie-ET is an "excellent - 90" daughter of Paclamar Bootmaker. She recently completed her three-year-old-record with over 32,000 pounds milk and 1200 pounds of fat. Fresh again, she is easily milking over 100 pounds.

Her dam, Milkyhill Crystal Jewel Angel, is an "excellent — 92" and has been flushed many times. The next dams are both "very good" and Angel PB Abbie-ET is the third generation to go over 1000 pounds fat on a lactation.

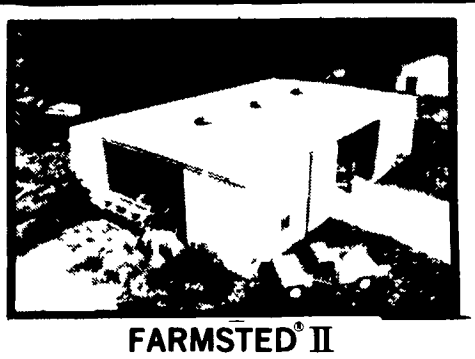
The first time out this year for the champion, she preceded this win with a second place in the three year old class at the Maryland State Fair last year.

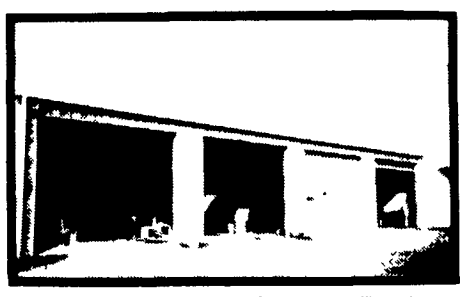
Grand Champion and Reserve Grand Champion

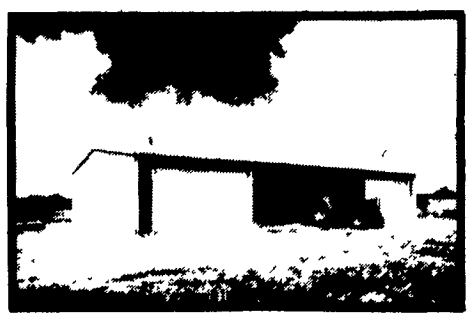
Champions of the Eastern Championship Holstein Show are pictured with dairy princesses. On left is Jack Miller of Rothrock Golden Holsteins with grand champion and on right is John Kline, of Myerstown, with reserve grand champion. Dairy princesses, from the left, include Debbie Price, Berks County; Michelle Fulmer, Northampton County; and Kathleen Kopistecki, Montgomery County.

BUTLER® BUILDINGS FARM

CUSTOMER AW


FARMSTED® II


SHOP - STORAGE - GARAGE


AG-MASTER® 2:12

YOUR CHOICE*

CUSTOMER AWARDS PROGRAM

*Choose Your Own Gift

BUY NOW!

* All Farmsted And Ag-Master Buildings Qualify

*See Your Agri-Builder For Details

PROGRAM ENDS AUGUST 31, 1984

Bethlehem 20 YEAR WARRANTY GALVALUME MATERIAL

NOB BUT

*BUY A BUTLE

* CHOOSE YOUR GIF FABULOUS ITEMS. The Everyone In The Fa Computers, Microwa And More.

* LEASING PROGRA

* Award credits are earned thru Master buildings.

BUTLER MFG. CO.
Attn P E Hess
P O Box 337, Oxford, PA 19363

Dealer Inquiries Available in Pennsylvania Counties Lancaster Schuylkill Armstrong Indiana Erie Crawford Warren Elk Cameron McKean Clinton Lycoming Sullivan Wyoming Luzerne Columbia Bradford Susquehanna Adams Cumberland York Potter Tioga New Jersey Counties Sussex Morris Passaic Atlantic Cape May Monmouth Middlesex Somerset Maryland Counties Talbot Dorchester New York Counties Orleans Genesse Monroe Livingston Allegany Steuben Yates Seneca Cayuga Tempkins Schuyler Tioga Chemung Broome Chenango Madison Lewis Oneida Herkimer Fulton Montgomery Otsego Delaware Schohaire Sullivan Orange Ulster Greene Chautauqua Cattaraugus

No Dealers Fees

Name _____

Address _____

County _____ Zip _____

City _____ State _____

Phone _____
(Include area code) LF

C & M SALES INC.
R D #1
Honesdale, PA 18431
PH 717-253-1612

NAZARETH BUILDING SYSTEMS, INC.
P O Box 47
Nazareth, PA 18064
PH 215-759-1331

LEROY E. MYERS, INC.
Route #1, Box 163
Clear Spring, MD 21722
PH 301-582-1552

O. A. NEWTON & SON CO.
Bridgeville, DE 19933
PH 302-337-8211

D. E. SMITH, INC.
Mifflintown, PA 17059
PH 717-436-2151

MATTSON ENTERPRISES
1605 Mt Holly Road
Burlington NJ 08016
PH 609 386 1603

PHIC BUILDERS
435 King Street
Pottstown, PA 19464
PH: 215-582-4050

GOMPF CONSTRUCTION CO. INC.
1841 Jerry's Road
Street, MD 21154
PH 301-692-5350

TRI-COUNTY AGRI-SYSTEMS
R D #1, Box 55
Swedesboro, NJ 08085
PH 609 467 3174

s milk all over'

r at Eastern Championship Holstein Show

Reserve Champion honors went to the first place aged cow shown by John Kline, Myerstown. Recently winning Reserve Grand Champion of the open Holstein Show at the Lebanon County Fair, C Midland Mardi Judy, was also credited with having a "quality udder" by the judge.

Kline's entry was bred by Bliss Johnson and sired by Little River Mardi Gras. She took best udder honors on the aged cow class.

The Donald Hostetter family of Maplebound Farm captured the Premier Breeder and Exhibitor banners in addition to being awarded the plaque for the "best bred and owned" entry. This marks the sixth year in a row for these honors for this Parksburg farm family.

"We try to breed for a balance of type and production," stated Hostetter about his winning show string. With his 90 plus registered Holsteins at home, his DHIR average is currently 21,000 plus on milk and 700 plus on fat. His BAA is 106 and there are 11 "excellents" and 45 "very Good" in the herd.

The Hostetter family has been showing for 15 years and topped off a day that included first place five year old, and first place dam-daughter.

Hostetters' best bred and owned winner was the first place five year old entry, Maplebound Rex Ivory. Also taking best udder in her class, Ivory was sired by Maplebound Starlight Rex, a Hostetter bull recently leased to Select Sires. Ivory preceded this win with the Grand Championship at last year's Farm Show.

Hostetter enjoys the longevity bred into his cows and stated, "I like to breed for longevity. The longer she lasts in my herd, the more profitable it is to me."

Junior Champion honors went to the intermediate yearling of Linden Loch Holsteins, Oley. Show by Steve Shaw, Lincoln Loch Star Susie, edged out the No-Na-Me Fond Matt senior yearling show by Dale Hostetter who took the Reserve Junior Championship.

Her first time out, "Susie" boasts a "Very Good" - 87" Astronaut dam with over 19,000 pounds milk and a 3.8% test. The judge appreciated her "tallness, length, and correct feet and legs."

Doug Hershey, PHA, was on hand to invite all exhibitors to the state championship in Kutztown in September. The first time it will be held in the East, over 200 entries are expected for the show. The Pennsylvania Holstein Association is still seeking trophy sponsors for the youth division for the state show and any interested persons or businesses should contact Diane Bliss, 814-234-0364 at the office. The cost is $30.00.

These entries topped their class in the Eastern Championship Show:

(Turn to Page A24)

Junior Champions

Junior championships of the Eastern Championship Holstein Show went to Dale Hostetter, reserve, on the left; and Steve Shaw, grand champion.

Premier Breeder Exhibitor

The Donald Hostetter family took both the Premier Breeder and Premier Exhibitor banners. From the left they are Dorcas, Donald, Kim, Sue and Missy.

ARDS PROGRAM*

BUTLER® GRAIN DRYER BINS

BODY BUTLER®

BUILDING NOW

IF FROM OVER 1,800

IS There's Something For

ar ly...

wa e Ovens, Televisions

A

ru chase of Farmsted and Ag-

See Us At
AG PROGRESS DAYS
Tues. thru Thurs., Aug. 21, 22, 23

Featuring On Display:

- FARMSTED BUILDING
- GRAIN BIN
- BUTLER DRYER

Plus
- NEW LINE OF FEED BINS

N

TRI-STATE MARINE DIST. INC.
Route 256
Deale MD 20751
PH 301 867 1447

KELLER BUILDING SYSTEMS INC.
R D #1 Box 203
Lewisburg, PA 17837
PH 717 524 0568

RIGGS ENTERPRISES
Box 98
Boswell, PA 15531
PH 814 629 5621

QUILL CONSTRUCTION CO.
P O Box 6269
Harrisburg, PA 17112
PH 717 545 7527

W.R. MOODY, CONTRACTOR
113 Walnut Lane
West Newton, PA 15089
PH 412 872 6804

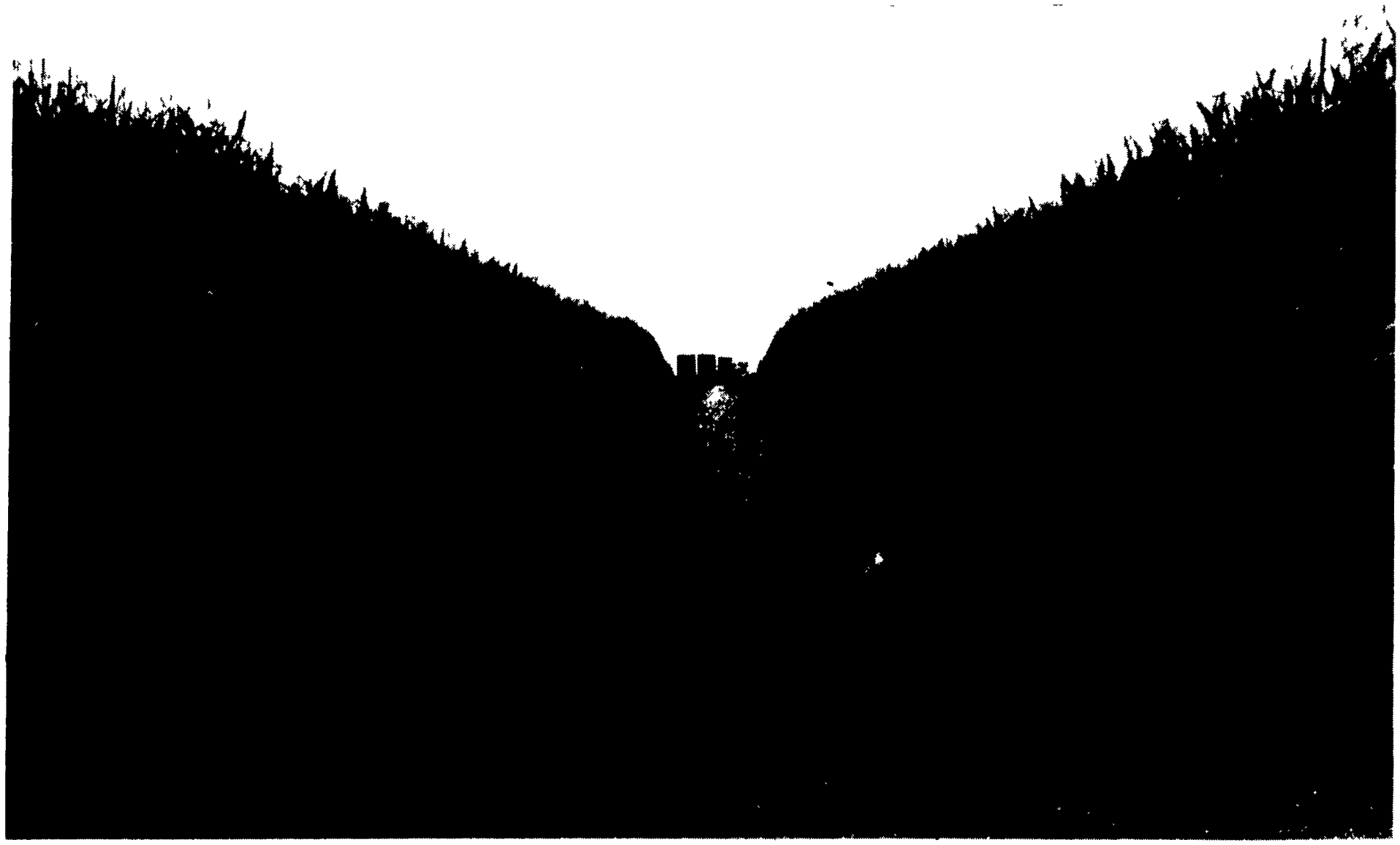
FOUR COUNTIES CONTRACTOR
R D , Box 249
Coalport, PA 16627
PH 814-672-5751

BINTRIM BUILDERS
204 Hoover Road
New Castle, PA 16101
PH 412 924 2698

BEAVER CREEK LANDSCAPING CONST. CO.
P O Box 151
Chestertown MD 21620
PH 301 778 4110

BUTLER MFG. CO.
Attn P E Hess
P O Box 337, Oxford, PA 19363
I'm interested in more information on Butler products
☐ Buildings ☐ Bins ☐ Dryers ☐ Bulk Feed Bins
Name _____
Address _____
County _____ Zip _____
City _____ State _____
Phone _____
(Include area code) LF

It's been a year for 'Canyons of Corn'



Hope and prayer,

abundant rain,

BYDICK ANGLESTEIN

The past three months quickly have slipped by
Since with hope, faith and prayer the fields were born;
To grow into tasseled fingers reaching to the sky
To form large, rolling and undulating canyons of corn.

The tall leafy sentinels all stand in a perfect row
Offering a silent, majestic greeting early in the morn;
As we jump into the tractor cab so eager to go
And move out through our ear-laden canyons of corn.

Last year, each plant resembled a stunted, dwarfed midget
So shockingly drooped, dried out and forlorn;
As forgotten stewards we could only nervously fidget
And hope for a coming year of canyons of corn.

Exactly one year ago, the sun-parched dead leaves
Were bone-dry. wind-tattered and torn;
But this year the wavy green sea weaves
Our long and winding canyons of corn.

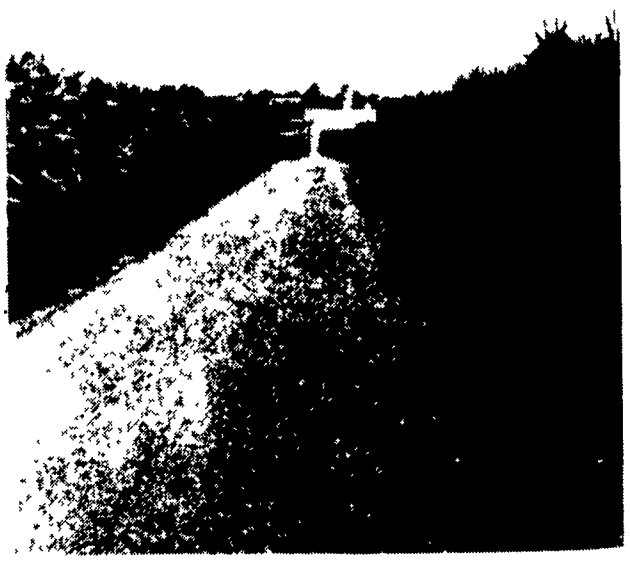
Last year. both our patience and purse
Were frayed, empty and deeply worn;
The yields of puny ears were slight and terse
As compared to this year's canyons of corn.

Soon, as autumn's winds begin to sharply blow
And, it's time for the fields to be shorn
To mix stubble with winter's fluffy, white snow
As silent witness to our canyons of corn.

On high, billowy and fleecy clouds, milky and trim
Form a pure white canpoy meant to adorn
And memorialize our heart-felt thanks to Him
For providing our much-needed canyons of corn.

and His blessing

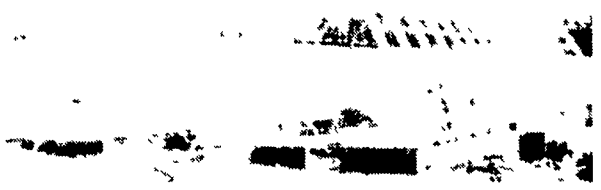
bring Canyons of Corn



RIGIDPLY RAFTERS INC.

RICHLAND, PA.

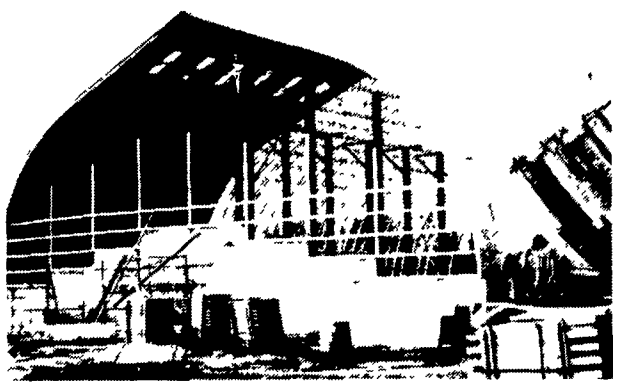
1958 **26 YEARS OF QUALITY PRODUCTS AND SERVICE** **1984**



40'x100'
Lehigh County

If You Need The Space - Versatility For Feed, Hay and Equipment Storage You Need A Gothic Laminated Arch

40'x92'
Lancaster County



72'x200'
Bulk Fertilizer & Chemical Storage

Laminated Archs Custom Built To Above Over Head Conveyor Type Distribution For Max. Storage Capacity.

72'x200' Interior
Fertilizer & Chemical Storage

ROOFING, SIDING & ACCESSORIES IN STOCK

Special Orders To Your Length. No Waste Delivered To Your Job Site.

FABRAL CORPORATION

CANNON BALL

& Grid-15 Doors
The Best In Track and Accessories For Your Doors

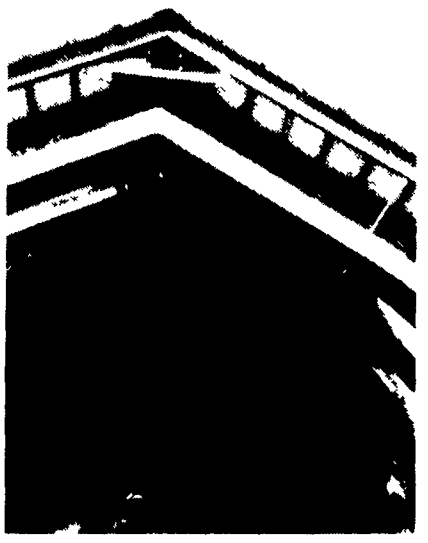
Farm Building Doors - Windows & Ventilators In Stock.

140'x100' Beef Barn
Lebanon County

Trusses Designed and Built from Quality Lumber

Engineering The Best in Design and Service for your clear span requirement.

CRANE SERVICE



CORN CRIB

* If You Need A Place to Store Your Corn Store It In A Rigidply Corn Crib

A Building That Earns You Money.

70'x200'

WE HAVE COMPLETE FARM BUILDING MATERIALS.

CALL OR WRITE US
717-866-6581

1958 26 Years of Service 1983

RIGIDPLY RAFTERS INC

MANUFACTURERS of LAMINATED RAFTERS and WOOD ROOF TRUSSES

RICHLAND RD1 Pennsylvania 17087

Rothrock

(Continued from Page A21)

Junior Bull Calf
1 Vista Grande Farm R4 Fleetwood 2 Coreen Luckenbill R1 Bernville
Senior Bull Calf
1 Russell Miller R3 Tamaqua 2 Stephen Worthington R5 Doylestown
Senior Yearling Bull
1 Rick Partnership 2 Rockside Holsteins R1 Elverson
Grand Champion Bull
Swampy Hollow Valient Rick Et Rick Partnership
Reserve Champion
RHM C Israel Russel Miller
Junior Heifer Calf
1 Hoover Farms 2 Lori Diamond R1 Bernville
Intermediate Heifer Calf
1 Cathleen Ohlinger Mohrsville 2 Jennifer Stoltzfus Kinzers 3 Edwin Todd Spring City
Senior Heifer Calf
1 Karen Kauffman R2 Peach Bottom, 2 Patricia Miller Nazareth, 3 Jefferson and Carl Yoder R1 Elverson
Junior Yearling
1 Kenneth Worthington R5, Doylestown, 2 Harvey Stoltzfus R1, Morgantown 3 Brian Richard, R2 Oley
Intermediate Yearling
1 Linden Loch Holsteins, Oley, 2 Rue-Hel Farms, Mohrsville, 3 Vista Grande Farm, R5 Fleetwood
Senior Yearling
1 Dale Hostetter, 2 Constance Ohlinger Mohrsville, 3 Elizabeth Strohmeir
Junior Champion
Linden Loch Star Susie, Linden Loch Farm Oley
Reserve
Dale Pride Fond Renee, Dale Hostetter
Junior Best Three Females
1 Rue-Hel Farms, 2 Vista Grande Farm
Dry Cow - four years and under
1 Duane Stoltzfus, R1, Morgantown, 2 Harvey Stoltzfus, R1, Morgantown, 3 Cathleen Ohlinger, Mohrsville
Dry Cow - five years and over
1 Donald Hostetter, Parksburg, 2 Jefferson Yoder, R1, Elverson, 3 Bruce Rothrock, R1 Kempton
Junior 2 Year Old
1 Keystone Farm, R4, Easton, 2 Jefferson Yoder, R1, Elverson, 3 Harvey Stoltzfus, R1, Morgantown
Senior 2 year old
1. J Harold Bare, Atglen, 2 Cathleen Ohlinger, Mohrsville, 3 Keystone Farm, R4, Easton
Three year old
1 Paul and Maurice Welk, R1, Peach Bottom, 2 Donald Hostetter, Parksburg; 3 Linden Loch Holsteins, Oley
Four year old
1 Bruce Rothrock, R1, Kempton, 2 Adam Sonnen, R1, Richland, 3 Dennis Sattazahn, Womelsdorf
Five year old
1 Donald Hostetter, Parksburg, 2 Wendy Shaw R1, Oley; 3 Donald Hostetter, Parksburg
100,000 Pound Class
1 Keystone Farm, Easton, 2 Clifford Blank Kinzers, 3 Constance Ohlinger, Mohrsville
Six years and over
1 John Kline, Myerstown, 2 Harry Thompson, 3 Harvey Stoltzfus, Morgantown
Senior and Grand Champion
Angel PB Abbie-ET, Bruce Rothrock, Kempton
Reserve senior and grand
C Midland Mardi Judy, John Kline, Myerstown
Best Bred and Owned
Donald Hostetter, Maplebound Rex Ivory
Best Three
1 Keystone Farm, 2 Donald Hostetter
Produce of Dam
1 Rue-Hel Farms, 2 Vista Grande Farm
Dam and Daughter
1 Donald Hostetter, 2 Rue-Hel Farms
Premier Breeder and Exhibitor
Donald Hostetter Parksburg

Ram sale set Sept. 1

HARRISBURG — The Commonwealth's finest performance tested rans and top ewes will go on the auction block at the Sixth Annual Performance Tested Ram and Invitational Ewe Sale Sept. 1 at the Department of Agriculture's Meat Animal Evaluation Center in State College, according to state Agriculture Secretary Penrose Hallowell.

"The top 75 percent of the 40 rams on test, along with 40 of the finest ewes are scheduled for the sale," said Hallowell, noting that the event begins at 12:30 p.m. in the Center, located near the new Ag Arena on the Penn State Campus.

The purpose of the testing program is to provide a common standard to compare individual performance of potential flock sires for rate of gain, feed efficiency, structural soundness, muscularity, condition and estimated carcass merit. The program also provides an opportunity for purebred breeders and commercial producers to purchase performance tested stock.

For additional information and catalogs, contact Ed Barben, Acting Director, Pennsylvania Department of Agriculture Meat Animal Evaluation Center, 651 Fox Hollow Road, State College, PA 16801 or phone (814) 238-2527.

The testing programs are conducted by the Pennsylvania Department of Agriculture in cooperation with The Pennsylvania Department of Agriculture in cooperation with The Pennsylvania State University and the Pennsylvania Sheep and Wool Growers Association.

4-H

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
SHOW EASE STALL CO.
(717) 299-2536
Also See Ad On Pages B24 & 25

CHEMGRO
- 12 Tractor Spreaders
- 4 Spreader Trucks
- 2 Bulk Nurse Trucks
- 2 Crop Spraying Trucks

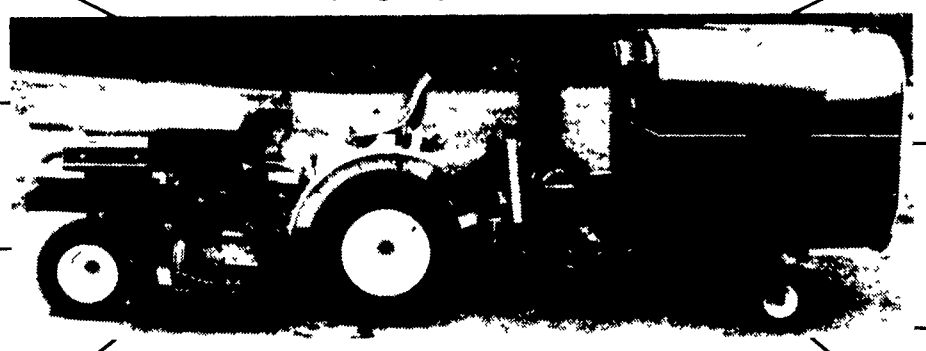
WE DON'T SELL SERVICE...
IT COMES FREE WITH THE SALE

COMPARE IT TO FORD

Stocky Ford 1000 Series tractors offer quality you can see. Big tractor features. High-capacity hydraulics and efficient diesel engines. And they're backed by a full-time, full-service dealer!

Ford 1016–28.5 PTO hp.
Ford 1210–13.5 PTO hp.
Ford 2110–34 PTO hp.
Ford 1510–19.5 PTO hp.
Ford 1118–11.5 PTO hp.
Ford 1710–23.5 PTO hp.
Ford 1310–16.5 PTO hp.

At Home In The Lawn, On The Farm, Or Large Commercial Jobs
FORD 1210 HYDROSTATIC DIESEL

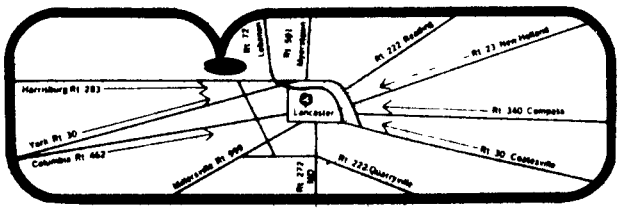


2 Year Warranty On Drive Train
Economical, Smooth Running, 3 Cylinder Spring Suspension Seat
Ag or Turf Flotation Tires Live Rear 540 RPM PTO
Optional Front Wheel Drive
Category I 3 Pt. Hitch With Position Control
Live Mid-PTO to Operate Shaft Driven 48" or 60" Rotary Mower
Foot Operated Hydrostatic Transmission Keeps Hands Free For Steering & Hydraulic Controls
Differential Lock

Complete Line Of Implements, Loaders, Blades, Tillers, Post Hole Diggers, Etc.
In Stock, Ready To Mow At

LANCASTER FORD TRACTOR, INC.

Ford Tractors Equipment



1655 Rohrerstown Road
Lancaster, PA
Flory Mill Exit off Rt. 283
(717) 569-7063

A LOW PRICE IS SOON FORGOTTEN GOOD SERVICE IS NEVER FORGOTTEN

DARI-KOOL DARI-KOOL DARI-KOOL DARI-KOOL DARI-KOOL DARI-KOOL DARI-KOOL DARI-KOOL DARI-KOOL DARI-KOOL

SHENK'S SHENK'S SHENK'S

Ag student exhibit

(Continued from Page A1)

members, College of Agriculture Dean Samuel Smith, Ag Progress coordinator Joseph D. Harrington and assistant to the dean Jack MacMillan. In late January, the group decided "yes, we can do it."

The big question concerning the commodities booth, Price said, was if the students could pull together enough resources to make the project work. To answer this question and others, a trouble shooting committee was formed to discuss possible problems. Questions included how and where to get the commodities, who's going to build the booth, how will prices be determined and also how will the proceeds be used.

The proceeds, it was decided by the Ag Student Council, would go towards setting up a computer laboratory for College of Agriculture students. Other ideas were considered, Price said, but the students voted that a computer lab would benefit the entire college.

With this goal in mind, the students began their work. Subcommittees were formed, and clubs throughout the college were contacted for help and ideas.

"Almost every realm in the College of Agriculture has a part in this project," Price said.

Helping Price coordinate the overall effort is Glyn Boone, a recent College of Agriculture graduate who is serving as assistant chairman. Rounding out the overall work force are subcommittee chairmen Lou Beccari, procurement; Alan Waybright, labor; Marcy Geyhman, design; Daryl Schaffer, communications; and Paul Winklosky, treasurer.

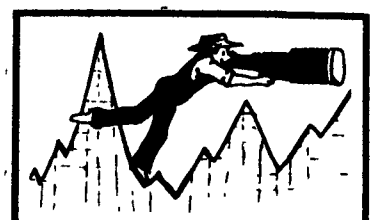
These students and others, Price said, have been working this summer to construct the Ag Commodities Booth which will be located on the second floor of the barn. Students will run the country-like store, selling a variety of Pennsylvania food products.

The food products, purchased on a consignment basis, have been provided by the following companies: the Pa. Bakers Association; Strodes Pork Products, West Chester; Weavers of Lebanon; Musselman's and Knouse Foods, Biglerville; Keystone Foods, North East; and the Pa. Farmers Association.

Also the Penn State Creamery; the Penn State Mushroom Research Lab; the Pa. Beekeepers Association; Dairymen Inc.; Groff's Snack Foods, Philadelphia; Seltzers of Palmyra; Gagly-Yardies; Kesslers; and the Pa. Maple Syrup Producers.

Food items will include vegetables, canned fruits and jams, canned meats, fruit juices, milk and dairy products, candy and pretzels and potato chips to name a few. The items, Price said, were selected on the basis of relatively nonperishable food products.

The Ag Commodities Booth, Price said, should provide an opportunity for Ag Progress visitors to see what is grown and produced in Pennsylvania. At the same time, visitors can leave the event with an armload of food to complement their many other items of Ag Progress 1984 memorabilia.



THINK AHEAD...
Read Futures Markets on Page 3.

HOULE
• Liquid Manure Pumps
• ELECTROMIX
• Barn Cleaner Chains

wic
• Bedding Choppers
• Silage Carts
• Manure Tanks

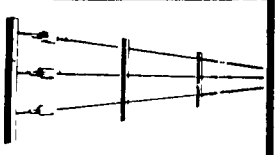
US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
• Free Stalls
• Self-Locking Panels
• Comfort Stalls
• Gutter Grates

Available From
MENDENHALL DAIRY SUPPLY
(814) 849-5539
Also See Ad On Pages B24 & 25

GALLAGHER
Fence Energisers Charge On! and on... and on!

Gallagher Fence Energisers keep fences hot even when they're choked with rain soaked weeds. These low impedance solid state energisers deliver a high energy pulse of electricity to your fence so fast that weeds don't drain power away. This means your stock stays in.

We're so sure Gallagher Fence Energisers will out perform any ordinary fence charger that we offer a 30-day, money back guarantee and a full one year warranty!
Available in battery and plug-in models



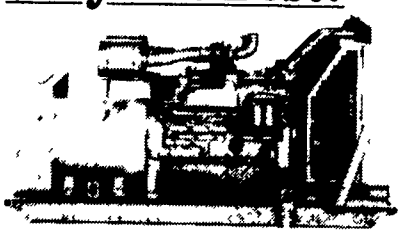
COME VISIT US AT THE 1984 AG PROGRESS DAYS !!!

Spring-Tight
ELECTRIC FENCE SYSTEMS
the new concept in electric fencing.

If you are thinking of building or replacing fence we want to tell you about our economical innovative spring structured permanent electric fence. Build your own fence or ask us to arrange for custom installation.

Brookside Industries, Inc Tunbridge Vt 05077
Please send more information
Send the name of my nearest dealer
I am interested in becoming a dealer
Name
Address
Town State Zip

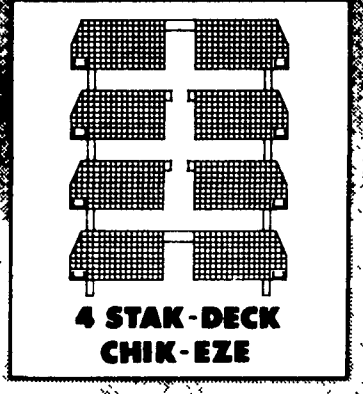
MAXI POWER
We Don't Claim To Build All
The Generator Sets
Only The Best!

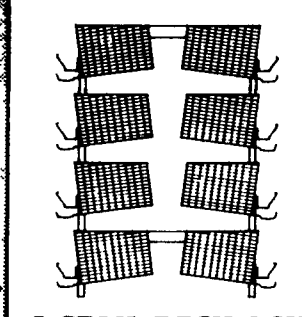


NEW - REBUILT
USED - RENTALS

SEE US AT AG PROGRESS DAYS
LOC: WEST 3rd ST.

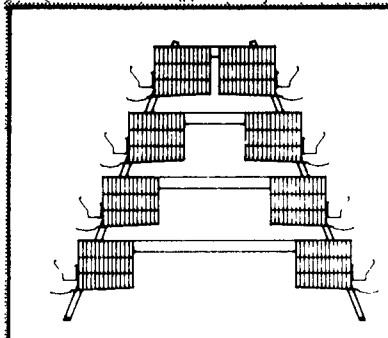
Maxi-Power
Generator Systems, Inc.
330 Fonderwhite Rd.
Lebanon, PA 17042
(717) 274-1483


4 STAK-DECK CHIK-EZE

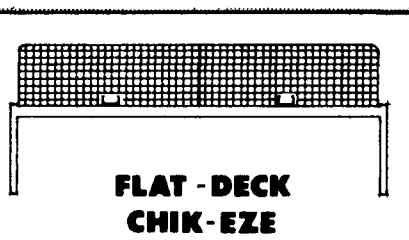

4 STAK-DECK LAY

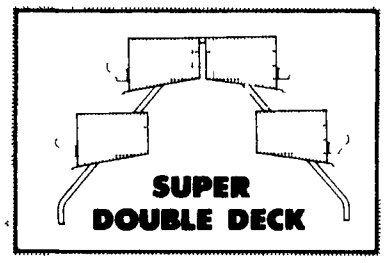
CAL-AIRE 12

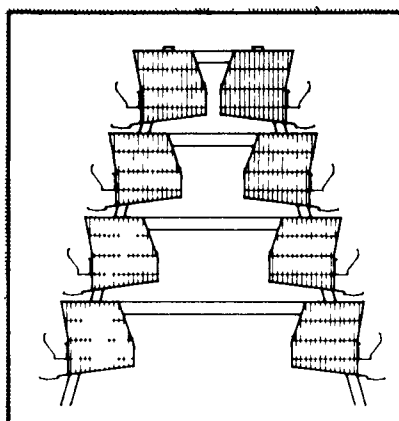
2 DECK CHIK-EZE

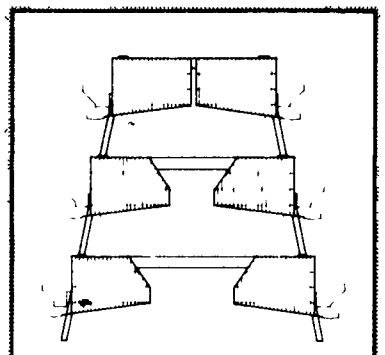

CAL-AIRE 14

4 DECK CHIK-AIRE


FLAT-DECK CHIK-EZE


SUPER DOUBLE DECK


PROFIT-TIER II


TRI-DECK II

We have the cage system to meet your poultry needs ...

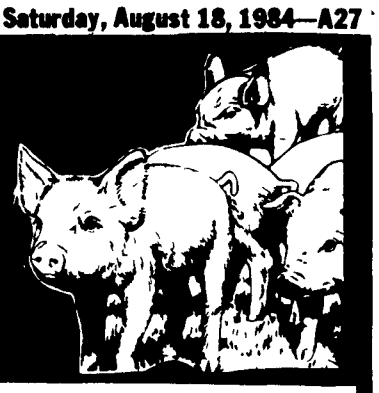
BIG DUTCHMAN and FAVORITE have combined product lines and offer the best choice of systems on the market today. For more information about these quality systems contact HERSHEY EQUIPMENT CO., INC.

Authorized
Big Dutchman. / FAVORITE.
Distributor

HERSHEY EQUIPMENT COMPANY, INC.
SYCAMORE IND. PARK
255 PLANE TREE DRIVE, LANCASTER, PA. 17603
(717) 393-5807
Route 30 West at the Centerville Exit

Designers of Quality Systems For Poultry, Swine & Grain Handling

Thanks And Congratulations
To
GERALD HESS AND FAMILY
RD 6, Lititz, PA



On Their All New
20 CRATE FARROWING
And
32 PEN NURSERY BUILDING

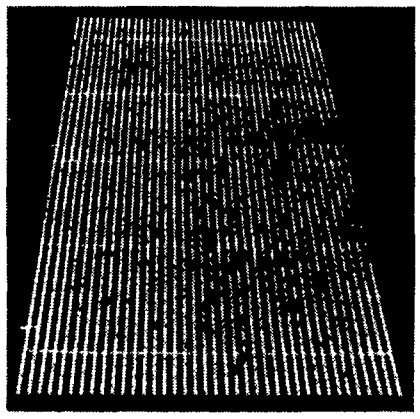
Hot Dipped Galvanized European-Style Farrowing Crates w/Wet Feeders Over Plastic Sow Flooring

Hot Dipped Galvanized Nursery Fencing Over Woven Wire Flooring w/Fristamat Ventilation Overhead

FEATURING

- Fristamat Ventilation
- Woven Wire Flooring
- Stainless Steel Wet Fence Line Feeders
- L.B. White Heaters
- Extra heavy Duty, Hot Dipped Galvanized Penning & Farrowing Crates
- Heating Pads
- GSI Feed Bins & Flex Augers

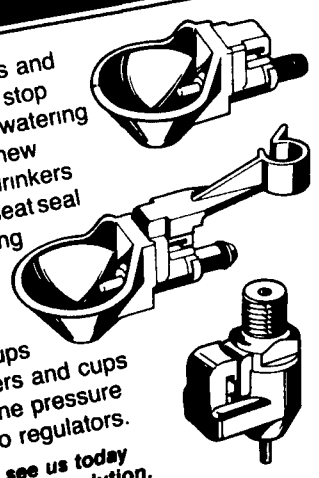
We're Looking Forward To Meeting You At
AG PROGRESS DAYS, AUG. 21-23
Located On West 3rd Street



WE WILL BE FEATURING THE LATEST TYPE HOT-DIPPED, GALVANIZED TRIANGLE BAR HOG FLOORING FOR FARROWING AND NURSERY FROM EUROPE WITH A 10-YEAR GUARANTEE.

Also On Display: All New Pullet Starter Grow Cage w/All New Plastic Manure Removal Belt, Along With Our Full Line Of Hog & Poultry Equipment.

LET US SHOW YOU SIMPLE SOLUTIONS FOR YOUR LEAKING CUPS OR NIPPLE DRINKERS



We have new drinkers and cups that will virtually stop leaks in your existing watering pipe systems. These new ZIGGITY SYSTEMS drinkers and cups have a triple seat seal which helps solve leaking problems. Also the valves activate in all directions; a unique design keeps Ziggity cups clean; and both drinkers and cups operate on very low line pressure provided by Ziggity-Flo regulators.

Phone or come see us today for your simple solution.

Swine & Poultry Systems Specialists

FARMER BOY AG. INC.

410 EAST LINCOLN AVE. MYERSTOWN, PA 17067 PH: 717-866-7565

BEST IN DESIGN, PRICE AND EXPERIENCE

Plant disease clinic diagnoses hort ailments

ROCK SPRINGS — "The symptoms are easy to describe, but the cause of plant problems is often difficult," says John Peplinski, the man who usually has the answers.

As manager of the Plant Disease Clinic at Penn State, Pelinski offers diagnoses to owners of nearly 2,000 ailing plants a year. In a small facility in the Buckhout Laboratory on Penn State's main campus, he receives odd-looking branches, leaves, or entire plants from residents and businesses around the state.

Plant owners send their ailing plants to the clinic at Penn State. When the cause of the damage is discovered, the plant owners are referred to materials that help them wipe out, fight, or compensate for the problem. If there is no definite control, he offers possible suggestions.

"Gardeners and homeowners know if they have a problem they can turn to us," he says.

So do commercial growers. Almost 50 percent of the specimens the clinic receives are from commercial farm and garden operations. "This summer, Peplinski says, he has received many strawberry samples that have Red Stele, a root rotting disease."

Summer is the peak season. Peplinski opens up the clinic's refrigerator, which is full of plants, leaves and branches stuffed in plastic bags. Some still have to be examined. Others he is saving until the fungi or bacteria in the culture dish can be identified. It looks like there is no way to keep order, but he does.

Peplinski expects approximately 300 samples a month during the summer; and things don't slow down until fall. "You never know what to expect," he says. "We see different diseases all the time. Weather conditions, of course, change constantly and that affects plants."

Through county Extension offices, residents can obtain kits for mailing plant specimens or soil samples to the disease clinic. Information about the plant's environment is required and instructions about proper mailing procedures are included. Adherence ot the kit's instructions makes it much easier for the clinic to determine a cause of disease. Peplinski says that quite a few samples from home gardens come in during the summer.

Yes, but does he make house calls? Occasionally. He takes samples from trees on campus, especially to identify those with Dutch Elm disease. Any tree with the disease is immediately cut down. Also, a few years ago, the clinic made the first identification of pine wood nematodes in Pennsylvania.

Peplinski also consults Extension specialists in entomology, agronomy, horticulture and forestry. In the lab, his companions are a student aide, the Index of Plant Disease in the U.S. manual and a microcomputer.

HOULE
WIC
• Liquid Manure Pumps
• ELECTROMIX
• Barn Cleaner Chains
• Bedding Choppers
• Silage Carts
• Manure Tanks
US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
• Free Stalls
• Self-Locking Panels
• Comfort Stalls
• Gutter Grates
Available From
HOLABAUGH SALES & SERVICES
(814) 382-8180
Also See Ad On Pages B24 & 25

CUSTOM MADE FEED BINS FOR FARMS — FEED MILLS

• Made of 13 gauge Steel
• All welded seams
• Gravity Flow or Auger

Free Estimates

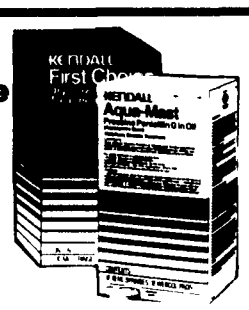
Also - Steel Roof Trusses for Buildings - Portable Hog Buildings - Bucket Elevators - Grain Augers Distributors - Flow Pipes & Accessories

We Sell, Service & Install
Ph: 215-944-7808
STOLTZFUS WELDING SHOP
Owner - Samuel P. Stoltzfus
RD 1011, Dryville Rd.
Fleetwood, PA 19522

DRIVE A LITTLE - SAVE A LOT AT E.M. HERR'S FARM & HOME STORE

Y-TEX EAR TAGS
• Guards Cattle Against Flies & Ticks Up To 5 Months
SUPER SPECIAL
69¢ ea.
$17.25 pkg. of 25

Kendall First Choice
• Dry Cow Mastitis
Reg. 7.99
SALE
$6.99

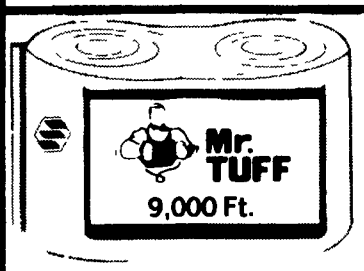


Kendall Aqua-Mast Mastitis Treatment
• 10 ML Syringe
• 12 Syringes per box
• For Lactating Cows
Reg. $8.49 SALE $7.49

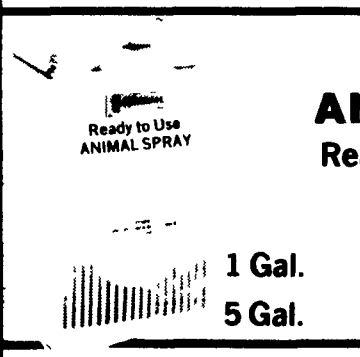
KENDALL MILK FILTERS
All Milk Filters Are Not Created Equal
• Maximum Sediment Retention
• Maximum Strength
• Efficient Flow Rate

	Reg.	SALE
2"x24" Sock	$11.99	$8.88
2¼"x24" Sock	$12.99	$9.88
6" Disc Non Gauze	$3.29	$2.99
6" Disc Gauze	$5.69	$4.29

BRAND NEW!
GRAIN BIN PAINT
-ACRYLIC MAINTENANCE PAINT-
NOW! CONTAINS RUST ARRESTER
★ ★ 7 STAR VALUE ★ ★
★ Easy Cleanup ★ Low Sheen
★ Rust Resistant Finish
★ Premium Quality ★ Easy to Apply
★ High Hiding
★ Brush, Roll or Spray



BALER TWINE
100% sisalana fiber
2 spools per bale
Produced under the "I.D." system:
• Uniformity • True Length
• Strength • Knot Strength
• No missing ends, multi ends, or knots
9,000 ft. per bale
Gross weight - 40 lbs.
231 ft. per lbs.
Tensile strenth - 325 lbs.
Knot Strength - 130 lbs.
also available on 10,000 ft.
$16.75 /Bale 50 or More
$17.00 ea. 10-50 Bales



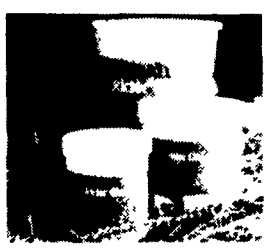
KENDALL ANIMAL SPRAY
Ready To Use Pyrethrin Fly Spray

		SALE
1 Gal.	List 9.95	$7.88
5 Gal.	List 44.95	$34.88

ROUND BALE BAGS
• 5 Mil
• White Bag Reflects Sunlight
• 6% Ultra Violet Inhibitor

SIZE	SIZE BALE	PRICE
4'	1200 Lb.	$6.59
5'	1800 Lb.	$8.29

KENDALL UDDER CREAM
SOFTENS CHAPPED TEATS
"Contains Lanolin to soften sunburned and chapped teats and udders



28 oz. SALE Reg. $7.99 $5.99
4 lb 8 oz. SALE Reg. $14.99 $12.99
FREE DUCT TAPE
2"x360" w/purchase

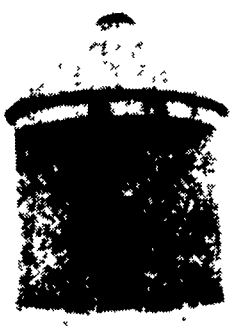
TONGUE JACK
Extra large mounting bracket & disc foot, 2 finger pull ring. Positive lock handle.
No. 8551
Reg. $24.95 SALE $17.99

10 Gallon Air Tank
• 10 gallon capacity • 6' air hose with air line shutoff, safety relief valve and air gauge

14 Gal. Reg. $42.95 Sale $36.88
10 Gal. Reg. $36.95 Sale $28.88

Barn & House Paint

	Size	Reg.	SALE
Red Oil Base	5 Gal.	$49.95	$34.88
Red Oil Base	2 Gal.	$21.95	$16.88
Red Latex	2 Gal.	$26.95	$19.88
White Latex (Flat)	2 Gal.	$21.95	$16.88
White Latex (Satin)	2 Gal.	$26.95	$19.88



SPEEDY CORNCRIBS
• Easy to erect
• Rods in lead of bolts on wire mesh
Sizes
900 Bushel
to
1200 Bushel

VISA
SPECIALS EFFECTIVE THRU AUGUST 25
We UPS Anywhere - Just Call 717-464-3321
Or
Toll Free (Area Codes 717 & 215)
1-800 732-0053
EMHERR FARM & HOME SUPPLY
R.D. 1, Rte. 272 South, Herrville Rd.
Willow Street, Pa.
Phone: (717) 464-3321
Store Hours:
Mon.-Thurs. 7:30 AM - 6:00 PM
Sat. 7:30 AM - 5:00 PM
Fri. 7:30 AM - 9:00 PM

NEW UNDERGROUND STEEL FUEL STORAGE TANKS

CHECK OUR NEW LOW PRICES

Capacity (Gallons)	Diameter	Length	Gauge (Thickness)	Weight (Pounds)	Price FOB Quarryville
285	3'0"	5'6"	12	278	$ 123.00
550	4'0"	6'0"	10	549	220.00
550	4'0"	6'0"	7	751	274.00
1,000	4'0"	10'8"	10	827	324.00
1,000	4'0"	10'8"	7	1,129	406.00
1,000	5'4"	6'0"	7	1,028	378.00
1,500	5'4"	9'0"	7	1,388	509.00
2,000	5'4"	12'0"	7	1,735	620.00
3,000	5'4"	17'11"	7	2,432	837.00
4,000	5'4"	23'10"	7	3,130	1055.00
4,000	8'0"	10'6"	1/4"	4,195	1432.00
5,000	8'0"	13'4"	1/4"	4,484	1661.00
6,000	8'0"	16'0"	1/4"	5,588	1842.00
8,000	8'0"	21'4"	1/4"	6,981	2309.00
8,000	10'8"	14'0"	1/4"	6,712	2255.00
10,000	8'0"	26'8"	1/4"	8,375	2723.00
10,000	10'0"	17'0"	1/4"	7,829	2497.00
12,000	8'0"	32'0"	1/4"	9,768	3166.00
12,000	10'0"	20'6"	1/4"	8,946	2840.00
12,000	10'6"	18'7"	1/4"	7,900	2978.00
15,000	8'0"	40'0"	5/16"	14,823	4786.00
15,000	10'0"	25'6"	5/16"	12,858	4426.00
15,000	10'6"	23'2"	5/16"	11,857	4575.00
20,000	10'6"	31'0"	5/16"	16,543	5608.00
25,000	10'6"	38'9"	3/8"	23,883	7274.00
30,000	10'6"	46'6"	3/8"	27,923	8424.00

Tanks are fabricated in strict accordance with the specifications of Underwriters' Labratories Inc Exteriors of underground tanks are coated with black asphaltum paint Exteriors of above ground tanks are coated with red primer STI-P3 system of corrosion protection for underground steel storage tanks available at an additional charge We can provide timely delivery anywhere from 4 locations: Manheim, Quarryville, Stoystown, PA; and Clarksville, VA. Contact us for delivery costs. We invite inquiries by phone or mail.

USED STEEL FUEL STORAGE TANKS

Capacity (Gallons)	Diameter	Length	Gauge (Thickness)	Weight (Pounds)	Price FOB Quarryville
275*	27"	5'	14	250	$60
3,000	5'4"	17'11"	7	2,432	150 to 300
4,000	5'4"	23'10"	7	3,130	250 to 500
6,000	8'0"	16'0"	1/4"	5,588	500 to 600
8,000	8'0"	21'4"	1/4"	6,981	700 to 800
10,000	8'0"	26'8"	1/4"	8,375	900 to 1000
13,000	10'6"	20'4"	1/4"		1300
14,000	10'0"	24'8"	1/4"		1400

Used tanks and used tank shells may not bear underwriters' label nor are coated with black asphaltum paint

NEW GASBOY FUEL PUMPS

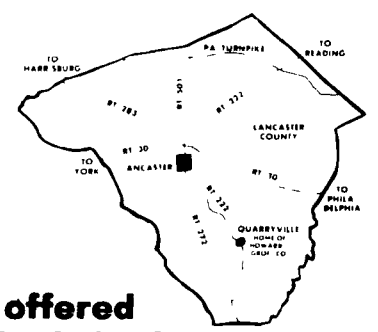
Model	Description	G.P.M.	Price F.O.B. Quarryville
1230C	Complete w/counter, rotary hand type	20	$126.00
60	12V DC w/meter	12	$372.00
72	115V w/meter	14-15	$375.00
1820	115V w/meter, w/cabinet	14-15	$413.00
1820K	115V, same as Model 1820 w/2 units, Keytrol	14-15	$513.00
390	115V w/Meter	14-15	$516.00

NEW FILL-RITE FUEL PUMPS

Model	Description	G.P.M.	Price F.O.B. Quarryville
NP 701	115V w/Meter	14-15	$354.00

LOW PRICE PROTECTION POLICY:

Within 30 days of purchase if someone advertises or offers at a lower price the same tank you have already purchased from us, let us know, because we'll pay you the difference!



An Additional 1% DISCOUNT is offered if paid by Cash Money or Certified Check

HOWARD E. GROFF CO.

Over Forty Years of Reliable Service

Fuel Oil, Gasoline, and Coal

111 E. State Street, Quarryville, PA 17566

Phone: 717-786-2166

HOURS:

Mon.-Fri.: 8 AM - 4 PM

Sat. 8 AM - 12 Noon

South central FFA dairy winners selected

SHIPPENSBURG — The 1984 South Central District FFA Dairy Show was held at the Shippensburg Fairgrounds on Aug. 10. The type judge for the show was Ginger Sechrist Myers, of Littlestown. The fitting and showmanship judge was Cindy Shaffer, of Beavertown. Fifty-eight animals were exhibited from Adams, Cumberland, Franklin, Perry and York counties.

The Junior and Grand Champion of the Guernsey breed was Lone Pine Jamaica Mary Ann, a junior calf shown by Nicholas Myers of the Chambersburg FFA, Franklin County.

The Senior and Grand Champion Jersey was five year old Stylish Blonde Katy shown by Mark Deaven and the Reserve Senior and Reserve Grand Champion was senior two year old Mar De Prince Misty shown by Mark Deaven of the Shippensburg FFA, Cumberland County. The Junior Champion and Reserve Junior Champion were also shown by Mark Deaven.

The Senior Champion and Grand Champion of the Holstein breed was Ben-Lou Fury Ivan Lula, a six year old shown by Benjamin Dum, Jr. of the West Perry chapter, Perry County, and the Reserve Senior and Reserve Grand Champion was three year old Kowraygan Linnanjean 2 shown by C.E. Hubbard III of the Red Land chapter, Cumberland County. A senior calf, Hochstead Creek Flashy shown by Tedd Hoch of Shippensburg FFA, Cumberland County was selected as the Junior Champion Holstein with Reserve Junior Champion honors going to another senior calf, Weim-Sharr Columbus Katie shown by Jennifer Weimer of the Conewago Chapter in Adams County.

The Ayrshire breed Senior and Grand Champion shown by Thomas Parks of the Kennard Dale FFA, York County was a seven year old cow, Maple Dell J.C. Jazz.

The Brown Swiss Senior and Grand Champion was three year old Mey-Maple Burton Nena shown by Todd Meyers of Apple City FFA, Adams County. Reserve Senior Champion was JTA Princess Penny a junior two year old shown by James Anderson Jr. of the Kennard Dale FFA, York County and the Junior and Reserve Grand Champion was a senior yearling, Airville Pat, shown by Kelly Kilgore of Red Lion Area Chapter, York County. The Reserve Junior Champion Welsh Ponderosa Titan Cindi, a senior calf, was shown by Lisa Kilgore of the Red Lion Area FFA, York County.

In County Group competition, the Adams County group received first in the Holstein breed, York County received first in the Brown Swiss breed, and Cumberland County received first in the Jersey Breed.

In the bred and owned classes, Eldon Baum of Conewago FFA, Adams County received top honors in the Holstein breed with his senior calf El-Rho Proud Kathy. Mark Deaven of Shippensburg FFA, Cumberland County was first with his senior two year old Jersey, Mar De Prince Misty, and Brown Swiss breed honors going to the three year old Mey-Maple Burton Nena shown by Todd Meyers of Apple City FFA, Adams County.

SILAGE CONDITIONER PRESERVATIVE and NUTRIENT BALANCER

MOPRO THE PROFIT MAKER

MOPRO 100 LIQUID SILAGE FORTIFIER

A revolutionary new concept in improving silages. University tested and proven MOPRO Liquid Silage Fortifier is formulated to balance the major mineral and protein deficiencies of silages. It also prevents loss from mold and rot after being removed from the silo or trench. MOPRO is added at the time of ensiling and is applied by metering equipment with very little handling cost. MOPRO will not corrode mild steel tanks or brass fittings and has no free ammonia odor to irritate the eyes or skin. MOPRO is a homogeneous solution of ammonia salts, urea, cane molasses, and minerals (except salt and calcium) in an efficient liquid carrier. It provides nitrogen for improved fermentation in the rumen and contains a mineral balance of phosphorous, magnesium, and trace elements including selenium. MOPRO 100 will give a resulting silage of up to 14.3% protein.

Manufactured By:

FURMAN E. HENDRIX, INC.

2115 White Hall Rd.

White Hall, Md. 21161

(301) 343-0343

TELEPHONE COLLECT FOR NEAREST DEALER

50 YEARS EXPERIENCE IN FEED LIQUIDS

Hort farm holds a wealth of research

ROCK SPRINGS — Visitors to Ag Progress Days can see Penn State's horticulture farm where much the field research on tree fruits, and on vegetables for Pennsylvania is being conducted. Rock Springs is located just nine miles southwest of State College on Route 45. Rock Springs provides a living laboratory for teaching purposes and for demonstrations of new ideas and concepts. The research will be on display as part of Penn State's Ag Progress Days Tuesday through Thursday.

You can also see field research on small fruits, ornamental horticultural crops and greenhouse construction. This research is supplemented by field plots located throughout the state on grower farms and greenhouses, and at stations at Biglerville (mainly tree fruits), North East (mainly grapes), and Landisville (mainly field crops).

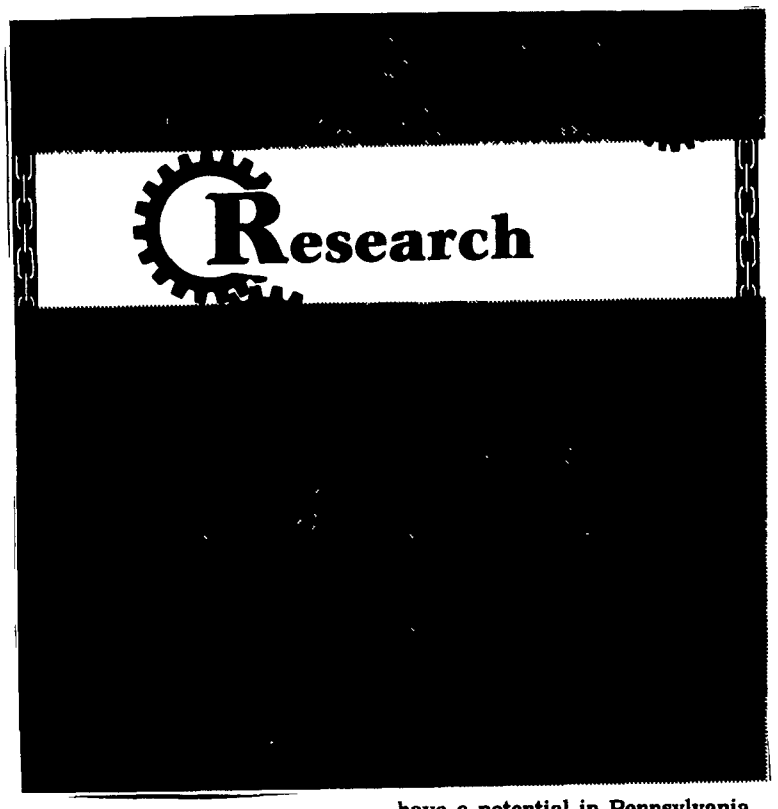
The horticulture farm at Rock Springs was started about 25 years ago, having moved from various locations on the main campus. Rock Springs comprises 1,500 acres, 160 acres of which can be irrigated from two large water reservoirs located on the side of the mountain. Before becoming a research farm, the area was in general farming. Some of the original farm buildings are still in use. Other structures have been added over time to improve the research capabilities of this important facility for Pennsylvania's agriculture.

Funds for its operation come from the state, federal government, various grower groups, and from industry. Besides specific grants for various research areas, industry helps in supplying materials such as pesticides, herbicides, fertilizers and plant growth regulators.

Horticulture research at Penn State includes: breeding, variety testing, and new crops; plant physiology and growth regulators; nutrition; post-harvest physiology, or storage and handling; mechanization; and general culture and productivity.

Crops include: greenhouse floriculture crops; ornamental crops and nursery plants; greenhouse and field vegetables; and fruit tree and small fruit crops.

The work is being done by the departments of agricultural engineering, plant pathology, entomology, and agronomy.



Tree Fruit

Tree fruit research at Rock Springs is primarily with apples. Under study by Dr. Loren Tukey, professor of pomology, are various intensive orchard systems to maximize the productivity of a unit of land. These include the Penn State low trellis hedgerow, the Dutch slender spindle, the hoop skirt and the French AXE (the tail support system). Trees are as close three feet in the row with rows 10 to 12 feet apart. Yields average from 900 to 1200 boxes per acre, but have been as high as 2000 boxes at 12 years of age. Besides demonstrating early high yields, trees are of a form more easily managed from a labor standpoint.

Producing dwarf plantings involves tree training, and the use of tree-size controlling rootstock. Various plant growth regulators are used to aid in enhancing flowering, fruit set and fruit growth. Some plant growth regulator plots are for long duration studies; others are for exploring and developing the use of new regulators showing potential in vegetative control and cropping.

Rock Springs is also one of 25 locations across the United States and Canada for the National Rootstock Trail for Apples. In addition, rootstock research is concentrating on dwarfing forms from Russia, Poland, France, Germany, England and the United States. The fruit tree nursery contains stoolbeds of these rootstocks for propagating trees of various varieties. Many of the trees are propagated on the farm.

Although M.9 and M.26 have been the main apple rootstocks used in the past, newer plantings are being made with M.27, a more dwarfing rootstock.

In the plantings, there are over 50 different apple varieties and variety sorts, while provide knowledge on tree fruit productivity, growth habit and fruit quality. There are about 15 acres of tree fruits of all ages. This research is under the leadership of Dr. Loren Tukey.

Vegetables

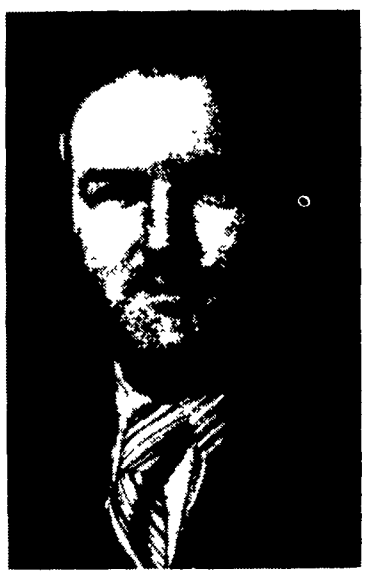
Vegetable research is an important activity on the horticulture farm.

Dr. Ernest Bergman, professor of plant nutrition, is involved in the Penn State/South China Agricultural College program. He has brought back several varieties of vegetable crops that appear to have a potential in Pennsylvania. One vegetable with good potential is Chinese Cabbage. Besides a trial with varieties from all over the world, is a nutritional study related to potassium and magnesium.

A graduate student of Dr. Bergman is conducting a pepper nutritional trial of 7 varieties with 3 levels of potassium and magnesium. Of special interest is their suitability in Pennsylvania as to earliness, fruit thickness, flowering, yield and nutrient content.

Charles Boyer
Plant Breeding

Paul Grun
Potato Research



David Beattie
Ornamentals

Potatoes

Rock Springs is one of 10 potato demonstration research locations in the state where different varieties and lines are being tested. Some of the newer varieties you might be interested include: Penn 71, Buckskin, Pa 1, Yankee Clipper, Rosa, and Islander. Also included in this test by Dr. Richard Cole, professor of agronomy, are 88 lines from Penn State Research. There are also 37 regional selections for potato chipping-tablestock use, and 13 in the russet-long type variety trials throughout Pennsylvania in 1985.

You can see potato clones from the research of Dr. Paul Grun, professor cytology and cytogenetics (cell research) and his graduate student. There are primarily crosses of either Norchip or Katahdin by several South American species, and backcrosses to present North American varieties. This research is being done to develop improved potato varieties.

The horticultural facilities at Rock Springs serve as the farm office, laboratories, greenhouse, potting room, mechanics shop, and equipment storage.

Near the horticultural farm is an herb garden open to the public.

Lauren D. Tukey
Fruit Research

Greenhouses

Energy conservation in greenhouse production of flowers and vegetables is of great importance to the industry in Pennsylvania and there are several experimental greenhouses at Rock Springs. These have been equipped with solar heating units. However, under Pennsylvania conditions solar collectors have not been very effective because of cloudy conditions.

The most effective means of energy conservation has been the use of thermal blankets to create a false ceiling within the greenhouse retarding the out-flow of energy, and the use of double layer of glass or plastic as covering for the greenhouse. In addition, research is under way on varieties which tolerate lower temperatures, and

Larry Kuhns
Ornamentals

on production systems in these greenhouses that enable satisfactory plant growth and production at lower energy levels.

Ornamentals

Research is being done on container grown ornamental plants by Dr. David E. Beattie, professor of ornamental horticulture, and Dr. Larry J. Kuhns, associate professor of ornamental horticulture Extension. A pipe frame structure also serves for teaching various methods in ornamental crop production.

There is a small ornamental nursery as well as a small crabapple and American holly plantings for studying winter hardiness, diseases, and plant characteristics.

Weed Control

It is possible to obtain total weed control in nurseries and Christmas tree plantations. Since bare soils create erosion problems, studies are under way by Dr. Kuhns to explore the use of various perennial cover crops that are easily managed and do not create pest and rodent problems. The ideal cover crop must establish quickly, grow slowly with little required mowing, and withstand heavy equipment during or shortly after a rain.

Plant Breeding

Dr. Charles Boyer, associate professor of plant breeding genetics, is studying the inheritance of fruit color in butternut squash, and is selecting for high yielding and high quality processing types. In other breeding work, he is continuing to develop extra sweet varieties of sweet corn with improved growth characteristics.

Ernest Bergman
Vegetables

Co-Cropping

Under evaluation at Rock Springs is co-cropping or intercropping of sweet corn and carrots. Co-cropping has importance in small farm situations and in third world countries where suitable vegetable land is limited.

There is a vegetable experiment to determine whether fall fumigation of the soil has any weed control potential. Dr. Peter Ferretti, associate professor of horticulture extension, is also investigating tunneling on peppers and melons as a method of enhancing early crop development in with plastic mulch.

Processing types of various summer and winter squashes are being evaluated for mechanical harvesting suitability. Fresh market types are being evaluated for early maturing and deep color. These are variety trials of broccoli, cauliflower, cabbage, peppers, pole beans, and processing tomatoes.

There are research plots of Dr. Orzolek, associate professor of Extension horticulture, studying the use of various gels as a soil anti-crushing agent for direct seeded tomatoes, fluid drilling research where growth regulators and fertilizers have been added to the gel-seed mixtures of tomatoes and peppers.

Other research is exploring the potential for the use of soil and foliar applied plant growth inhibitors on processing tomatoes. Several horticulturists and graduate students are involved in the innovative research being coordinated by Dr. Orzolek.

Plant Nutrition

There are the research plots of Dr. Cyril Smith, professor of plant nutrition. Penn State is a leader in vegetable nutrition. Smith's studies include:

— the most effective source of phosphorus and its more efficient placement for tomatoes and sweet corn.

— tests on soils with a high lime requirement, the best rate over time (4.5 T/acre vs., 1.5T/acre yearly over 3 years),

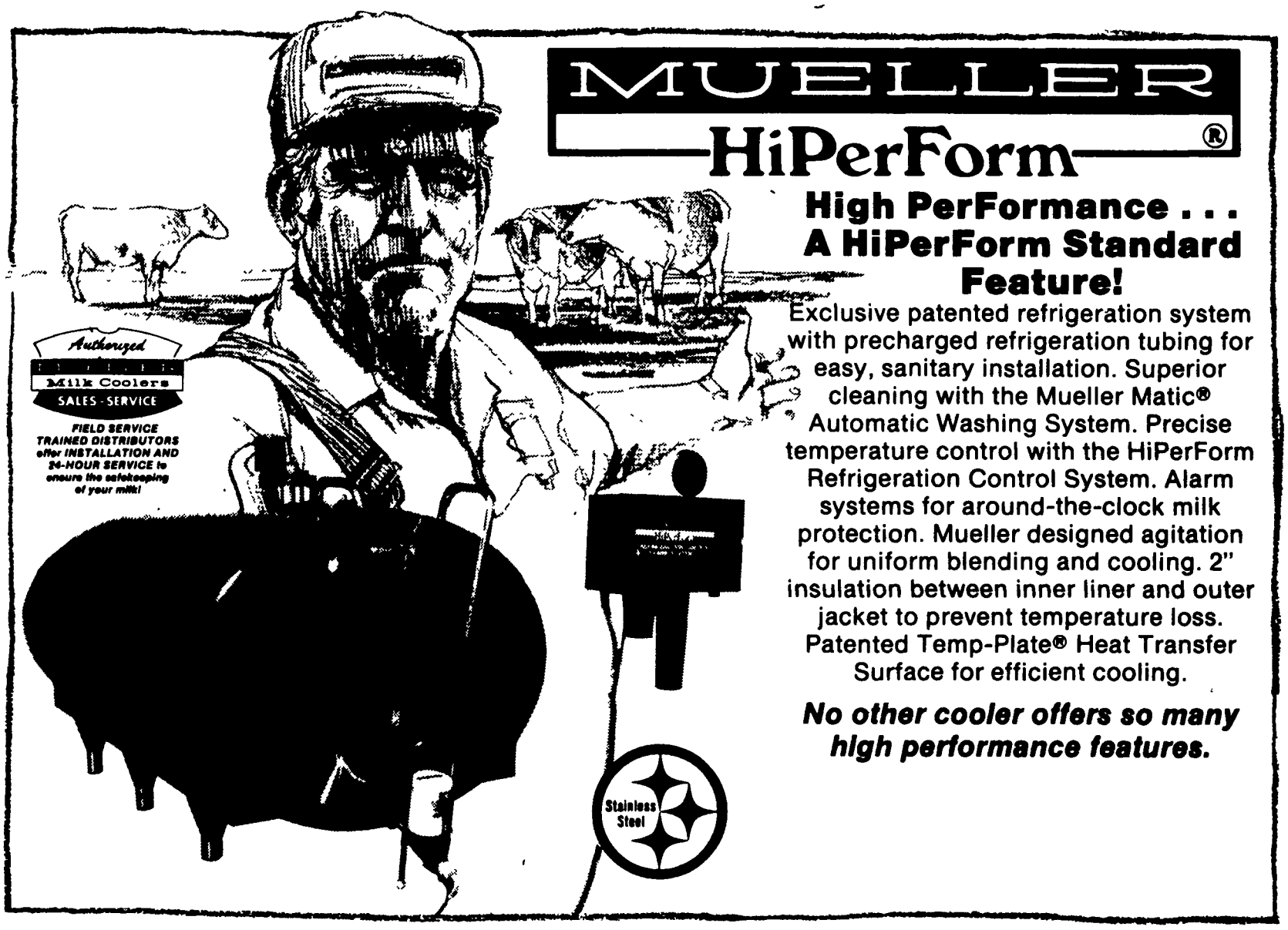
— the effect of three different lime types on growth and yield of tomatoes, lima beans, squash, and cabbage, under different fertilizer treatments.

— studies on certain vegetable crops which have been shown to have different degrees of sensitivity to acid rain (tomato, snapbean and beet). Research is comparing the effect on limed and non-limed soils, under six different fertilizer treatments. Dr. Smith is seeking to find out why some crops are more productive than others when grown on unlimed soils.

See The Mueller Dairy Equipment Display At

AG PROGRESS DAYS

August 21, 22, 23 Located On West 5th Street



High PerFormance . . . A HiPerForm Standard Feature!

Exclusive patented refrigeration system with precharged refrigeration tubing for easy, sanitary installation. Superior cleaning with the Mueller Matic® Automatic Washing System. Precise temperature control with the HiPerForm Refrigeration Control System. Alarm systems for around-the-clock milk protection. Mueller designed agitation for uniform blending and cooling. 2" insulation between inner liner and outer jacket to prevent temperature loss. Patented Temp-Plate® Heat Transfer Surface for efficient cooling.

No other cooler offers so many high performance features.

No other cooler offers so many high performance features

SEE YOUR LOCAL MUELLER DEALER

PENNSYLVANIA

Rufus Brubaker Refrigeration
614 Penryn Rd.
Manheim, Pa. 17545
PH: 717-665-3525
Rt. 3, Box 437A
Quarryville, Pa. 17566
PH: 717-786-1617
Rt. 1, Box 466
Palmyra, Pa. 17078
PH: 717-469-2674

Dairyland Sales & Service
RD 2, Box 43
Troy, Pa. 16947
PH: 717-297-4128

Franklin D. Hess
Farm Equipment
RD 2
Orangeville, Pa. 17859
PH: 717-925-6939

Jim's Equipment
Jim Glemboski
RD 4, Box 233
Tunkhannock, Pa. 18419
PH: 717-836-3228

K.C. Dairy Service
RD 2, Box 2332
Mt. Bethel, Pa. 18343
PH: 717-897-5141

Longacre Electrical Service, Inc.
602 Main St.
Bally, Pa. 19503
PH: 215-845-2261

Martin's Dairy Service, Inc.
RD2, Box 197
Troy, Pa. 16947
PH: 717-297-3972

Martin's Refrigeration Service
1122 Woodstock Rd.
Fayetteville, Pa. 17222
PH: 717-352-2783

Northampton Farm Bureau
300 Bushkill St.
Tatamy, Pa. 18085
PH: 215-258-2871

Penn York Refrigeration
RD1
Knoxville, Pa. 16928
PH: 814-326-4496

Shartlesville Farm Service
RD1
Hamburg, Pa. 19526
PH: 215-488-1025

Wehr's Dairy Equipment
RD2, Box 85
Mifflinburg, Pa. 17844
PH: 717-966-1396

DELAWARE

Bennett Machine Company
1601 South
Dupont Boulevard
Milford, DE 19963
PH: 302-422-4837

NEW JERSEY

Gardner's Electric
217 State St.
Elmer, NJ 08318
PH: 609-358-7271

NEW YORK

Charles Olin & Sons
575 Philo Road
Elmira, NY 14903
PH: 607-796-2186

MARYLAND

Dairymen, Inc. Middle Atlantic Division
600 Liberty Rd.
Sykesville, MD 21784
PH: 301-795-2727

Laurel Run Farm Supply
RD2, Box 117
Grantsville, MD 21536
PH: 301-895-5567

George M. Priest, Jr., and Sons
RD8, Box 142
Hagerstown, MD 21740
PH: 301-733-6661
301-797-3921

VIRGINIA

Dairymen Speciality Co. Inc.
RD8, Box 4
Harrisonburg, Va. 22801
PH: 703-433-9117

Sales Representative Emerson Snee RD 1 Box 28 Wind Ridge, Pa 15380 PH: 412-685-5384

MUELLER
Dairy Farm Equipment

Hot Holsteins prefer pond to beat the heat

Staff Correspondent

WESTMINSTER, Md. — Summertime.

Even before the morning mist burns off the meadow, a sticky humidity has settled over farm country; and through hazy clouds, the sun promises hours of searing afternoon heat.

In dairy barns, fans whirl endlessly, stirring little more than the utility meter and a muggy air that neither cools nor dries cows lying listlessly in stalls, or piling together in the darkest, sloppiest corner, in search of a more tolerable environment.

Gates swing open, and one by one, the herd members plod out into the pasture, then likely head for the nearest shade, usually at some far corner of the meadow.

It's enough to made a cow go off feed. Or off production. Drop in butterfat test. And build up enough stress to bring on a "hot" bug of mastitis. Even cause spontaneous abortions.

Few dairy herds escape weather-wrought summertime stresses, the grim total of combining heat and humidity.

And at Roger Myers Del-Myr farm, just south of Westminister, Md, summertime is certainly not problem-free. Still, production on this high-averaged herd holds fairly well through the worst summer can bring.

Maybe it has something to do with the fact that this herd regularly goes swimming.

"Twenty years ago, we tore down a fence that had been around the pond," relates this lifelong dairyman. "The herd started to go in the pond then and still does today."

Dairy experts have long warned against allowing cows to loll around in farm ponds. They cite the possibility of increased mastitis due to the cattle's exposure to the "soup" of potentially dangerous bacteria known to thrive in pond waters.

The Del-Myr 60-head registered Holstein herd, though, never bothered to read up on the experts recommendations. This group of water-loving cows simply learns, one generation after the other, that splashing into the pond on hot days, both coming from and going back to the barn, just simply feels good.

Mike, a herd favorite and current top producer of the group, leads the pack at swim-session time.

"She's usually the first one in - and the last one out," chuckles Jeff, second of the Myers' three sons, who recently returned home to join the family diary business.

Mike pauses on the edge, studies the situation for just a moment, splashes into the sparkling water and swims over any deep spots as she heads for the middle of the pond. Head and back still out of the water, she half-closes her eyes and relaxes there in obvious enjoyment of the cooler temperatures.

Other herd members follow, until, on especially hot days, practically the entire herd has taken the plunge.

The herd production, presently over 18,000 pounds milk and 710 pounds fat, generally holds fairly stable through even the hottest weather. After several years of observation, Myers is convinced that the herd's dips in the pond are a definite contribution to holding production thorugh the heat.

Mastitis shows no marked increase during the swimming season. In fact, Myers says that any coliform mastitis, at least in his herd, has generally been a winter, rather than a summer, problem.

High producer Mike is a prime example. Classified EX-91, with top 365-day records at eight years of over 28,000 pounds milk and 900 pounds fat, Mike seems to thrive on the cooling-off visits to the pond.

With practiced eye for good cattle, Myers purchased the daughter of a Kingpin son at a local auction, gambling on her type and production promise, in spite of her having been bred five times as a 2-year-old and selling with no guarantee of having been settled. Her swimming ability seems to be a bonus to Mike's other traits which have proven out for Myers.

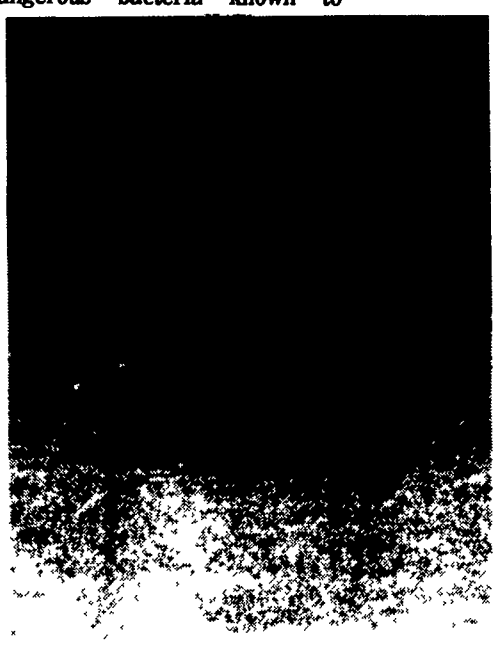
Cows have been in the pasture at Del-Myr for as long as Roger Myers can remember. He was raised on this 155-acre farm which was purchased by his father, Guy, a former railroader. Hay, corn and wheat are cropped on both the home farm and an additional one hundred rented acres.

Son Jason recently began dairying on a farm just a few miles away, after establishing a herd while working with his father. Jeff, a former extension staffer, recent master's degree graduate of Michigan State and coach of their winning national collegiate dairy judging team, has returned to the Westminister home farm to join the dairying business. Youngest son, Jerry, spent part of his study internship time as a classifier with the Brown Swiss association in Colombia, South America, and is presently seeking a college teaching position.

All continue their intense interest in dairying, rooted in this high-production, high-type herd of registered Holsteins, that head for that picturesque pond every chance they get.

And while never proven, there is a suspicion that as Mike splashes into the water, she turns around and moos to the rest of her herdmates: "Last one in is a cull!"

Who needs a big pond. This is a much better way to cool off.



How about a little privacy?

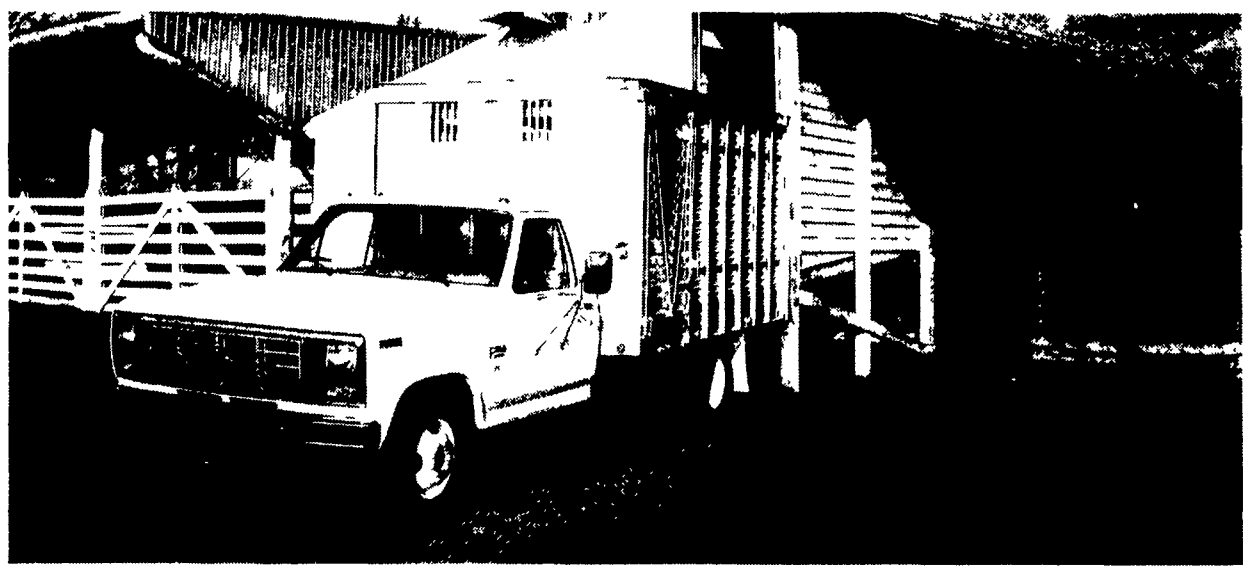
What do you think, girls?
Is it hot enough for a dip?

MH EBY Inc.

MANUFACTURERS OF ALUMINUM

- Cattle Bodies
- Gooseneck Trailers
- Possum Belly Trailers
- Bulk Feed Bodies

See All This Equipment On Display At
AG PROGRESS DAYS, Located On West 8th Street



Built By The People Who Have Years Of Experience Building Aluminum Trailers And Bodies

M.H. EBY, INC.
Box 127, Blue Ball, PA 17506 717-354-4971

Dairy promotion exhibit

HARRISBURG — The 18-member Pennsylvania Dairy Promotion Advisory Board will unveil its logo and marketing theme at an exhibit during Ag Progress Days, Aug. 21-23, according to state Agriculture Secretary Penrose Hallowell.

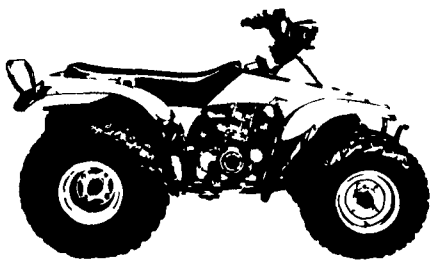
HBM/Creamer, the advertising agency tapped to conduct a six-month program which begins Sept. 1, will staff the exhibit along with state Department of Agriculture personnel and advisory board volunteers. The exhibit will include two milk shake concessions.

"We encourage all farmers to visit the exhibit and learn about some of the programs the State Dairy Promotion Board will sponsor during the next six months," Hallowell said.

"Creamer's staff will lead an organized explanation of the program once an hour. Of course, the staff and Advisory Board will answer questions at any time," Hallowell continued.

For simplicity, the program's formal name — the Pennsylvania Milk Promotion and Marketing Program — has been shortened to the Pennsylvania Dairy Promotion Program. The shorter name is more easily identifiable on radio and television commercials and reflects the broad-based advertising promotions planned.

This program was created under provisions of the National Dairy Promotion Program. Federal legislation passed late in 1983 established a mandatory 15 cents per hundredweight deduction on all milk produced in the continental United States. Funds are used to promote milk and dairy product sales, and qualifying programs like Pennsylvania's may receive 10 cents of the federal deduction for use in local and regional promotion efforts.



THIS SUMMER THE FUN IS ON US.

The most fun you can have off road is on a Suzuki Quadrunner Because now the most powerful 4-wheel ATV you can ride is the Quad runner LT250 250cc of power and stability that can take you places other ATV's can't

So when it's time to gear up for summer, ride down to us We have a 3- or 4 wheel ATV to fit every member of your family

Cap Off Your Summer: Buy any Suzuki ATV between June 1 and August 31, 1984 and you'll ride out the door with more than a great deal Suzuki will give you a Quadrunner cap and a commemorative medallion desk thermometer to cap off your fun

SUZUKI

The Sensation of Suzuki

M&S ARCTIC CAT & SUZUKI
New Holland, R 1, Pa. 17557
Rt. 322, 1½ Miles West of Blue Ball

"TRUCKLOAD SALE"

Reg. Price $11.45/Ft.

10 YEAR LIMITED WARRANTY

FROM A COMPANY THAT'S BEEN IN BUSINESS OVER 37 YEARS

$7.45 PER FOOT 2" PADDLES F.O.B. Factory

FOR A LIMITED TIME ONLY

NEED A BARN CLEANER REPLACEMENT CHAIN ?

. . . CHECK **BADGER'S** PRICE AGAINST THE LESSER QUALITY BRANDS

TOP OF THE LINE *DURA FORGED* CHAIN WITH HEAT TREATED *STEEL* FORGINGS, LARGE DIAMETER PINS, 5/16" THICK FLAT BARS, AND REPLACEABLE PADDLES AND WEAR HEELS.

Badger

CONTACT YOUR BADGER DEALER NOW!

VAN AKEN DAIRY SUPPLY
Box 177, RR2 Columbus, NJ 08822
(609) 298-3344

SADDLE UP!
To Better Equipment... Find It In Lancaster Farming's CLASSIFIEDS!

SILO LEAKING?

Now Is The Time To Let Seal Crete Waterproof Those Silos

We Are The Fussy One's

"NO JOB WE CAN'T HANDLE"

We Have The Equipment To Do Your Job

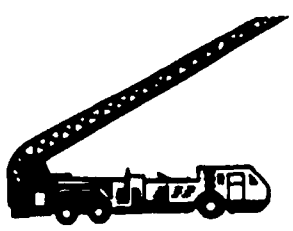
LET US SEAL IT FROM THE OUTSIDE WITH:

- Cementious Waterproof Coatings
- Clear Waterproofing
- Fibered Solvent Acrylic Coating
- Color Coat
- Gunite System

Don't Forget To Call On Us For Your Other Painting & Waterproofing Needs.

AGRICULTURE - COMMERCIAL - INDUSTRIAL - CHURCHES

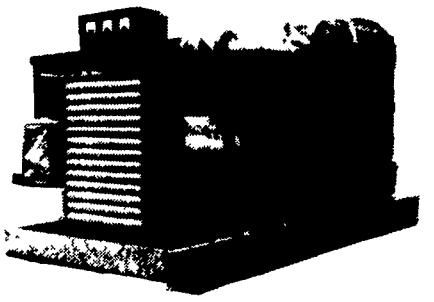
For FREE Estimate CALL



Seal Crete Inc.

PAINTING & WATERPROOFING
RD 2, Box 417, Ephrata, PA 17522 • 717-859-1127

BUY DIRECT FROM THE MFG. AND SAVE $$$



GENERATORS
1 to 1,400 KW

MARTIN MACHINERY
P.O. Box 35 - Martindale, PA 17549
215-445-4585
Telex 522372 IP-A-HOWD

WHITE WASHING with DAIRY WHITE

- DRIES WHITE
- DOES NOT RUB OFF EASILY
- NO WET FLOORS
- IS COMPATIBLE WITH DISINFECTANT & FLY SPRAYS
- WASHES OFF WINDOWS & PIPELINES EASILY

BARN CLEANING SERVICE AVAILABLE WITH COMPRESSED AIR
To have your barn cleaned with air it will clean off dust, cob webs & lots of old lime. This will keep your barn looking cleaner & whiter longer.

We will take work within 100 mile radius of Lancaster

MAYNARD L. BEITZEL
Witmer, PA 17585 717-392-7227
Barn Spraying Our Business, not a sideline.
Spraying since 1961.

High Pressure Washing & Disinfecting Poultry Houses And Veal Pens

Ag Progress - a focus on better forage production

BY DR. JOHN E. BAYLOR
Professor Emeritus
The Pennsylvania State University

Normally we like to look ahead to the future and that's the way it should be. But, in this report I'd like to look back a few years and talk about the early history of one of the finest agricultural shows in the East.

Ag Progress Days '84! It's hard to believe that this is the 16th annual three-day spectacular by that name. And certainly the theme of this year's big show "Agriculture Works For You" would have been just as appropriate for any of the previous shows.

What led up to that first Ag Progress Days held in 1969 at Fox Chase Farms near Towanda in Bradford County? It all goes back to our recognition of the importance of our forages and grasslands here in Pennsylvania. Let's take a brief look.

Modern grassland and field days in Pennsylvania, the forerunners of Ag Progress Days, got their start in 1951 with a series of five major events scattered around the state attracting some 30,000 people. These were repeated in 1952 on a larger scale–with more field demonstration of new forage crops and varieties and hay making equipment. And in 1952 Penn State's College of Agriculture hosted the 6th International Grassland Congress, with Penn State's ag farm at University Park, the site of one of those 1952 field days at that time.

Interest in improved forages continued. More smaller field days were held. Then in 1956 Frank Bamer, at that time Penn State's Agronomy Extension Section Chairman, and the late Al Cooper, Extension Agronomist, organized the district hay show program–as part of an intensified statewide educational program aimed at all phases of hay improvement, from establishment through utilization. I was fortunate enough to join the Penn State Agronomy Extension team in 1957.

By 1960 producers, educators and ag industry had gotten together to organize the Pennsylvania Grassland Council–the first of its kind in the U.S. Our district hay shows provided the basis for numerous Council

John E. Baylor

sponsored smaller field days and other educational events during this period.

In 1962 the Pennsylvania and American Grassland Councils teamed up with Penn State to put on the First National Grassland Field Day at Hershey. Hay and silage shows along with a full field program and a lush of other educational activities were featured at this national extravaganza.

There were, of course, other big field events between 1962 and 1965. But in 1965 the Pennsylvania Grassland Council, in cooperation with Penn State and others, put on our first Pennsylvania Forage Progress Days–where else than at Hershey, Pennsylvania. This was followed in 1966 with a Forage Materials Handling Field Day at John Rodger's farm in Mifflin County. The year 1967 saw Forage Progress Days held at the Somerset State Hospital Farm, then back to Hershey in 1968 when the National Plowing Contest and Conservation Exposition was included as a part of this ever growing event.

By this time major forage field days with their associated competitive Hay and Silage Shows had become a tradition. And each year following that first successful Forage Progress Days in 1965 the event became bigger and better.

Finally in 1969, to emphasize the continued growth of the event and to expand into broader activities including a major ladies program, the name was changed to "Ag Progress Days," the name it has gone by for the past 16 years.

The first Ag Progress Days was held at Fox Chase Farms near Towanda in Bradford County. During the following years this annual show was held at Windy Hill Farms near Titusville, Crawford County (1970); Rock Springs Agricultural Research Center, Centre County (1971); the Calvin Will and Richard Croner Farms, Berlin, Pennsylvania, Somerset County (1972); Hershey Farms (1973); Bloomsburg Fair Grounds, Bloomsburg, Pennsylvania, Columbia County (1974) and McDowell Farm near Mercer, Pennsylvania, Mercer County (1975). In 1976 Ag Progress Days returned to Rock Springs in Centre County at which has now become its permanent home.

Industry interest and support, of course, grew with the show. In 1965 at our first Forage Progress Days some 45 commercial exhibitors, mainly seed, fertilizer and equipment, were on hand. This grew to 72 in 1969, our first Ag Progress Days, and this year (1984) nearly 300 commercial exhibitors will be on hand to showcase their products. And many of those original 45 from back in 1965 will be back again this year.

But Ag Progress Days and its predecessors were not and is not just a trade show. It had, and still has, as its main purpose–to bring the latest and most pertinent information to Pennsylvania farmers through demonstrations and comparisons.

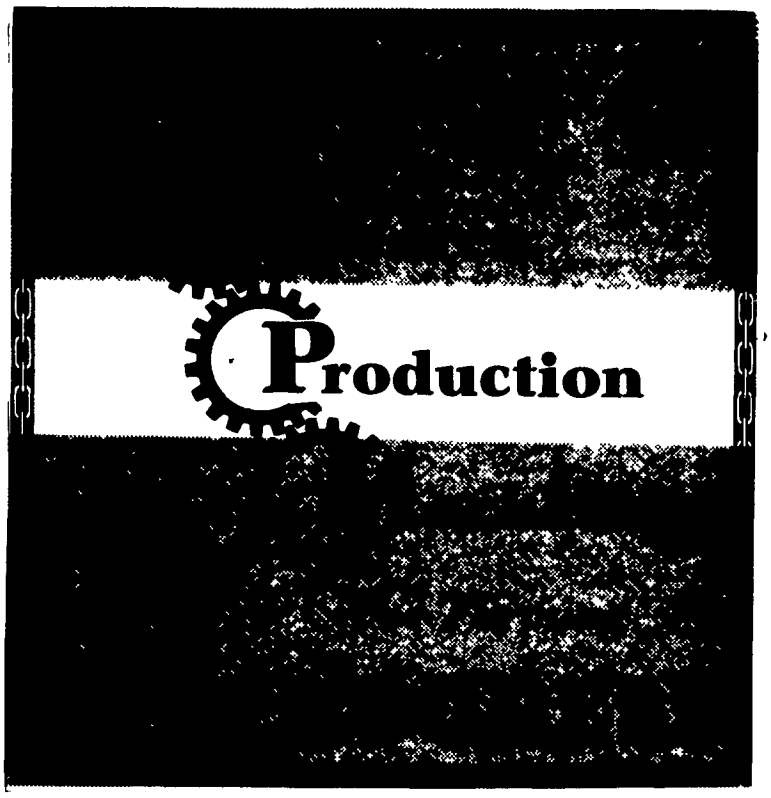
One can't reflect back on Ag Progress Days without the names of just a few of the people who have made it possible. I've already mentioned Frank Banner and Al Cooper and their efforts in the early 50's. Certainly we owe C.M. Wolgemuth, former superintendent, Milton Hershey School Farms, and all of the Milton Hershey School staff a tremendous thanks for their help and support throughout the years. And let's not forget all of those county agents throughout the state who spearheaded a wide range of field day related programs. But without the efforts of the late Burt Horne, Penn State's Extension Ag Engineer, extraordinary, early forage field days may not have succeeded. And recent Ag Progress Days haven't been quite the same since his death in 1976. Incidentally, 1976's Ag Progress Days was dedicated to Burt, certainly a fitting tribute to his many contributions.

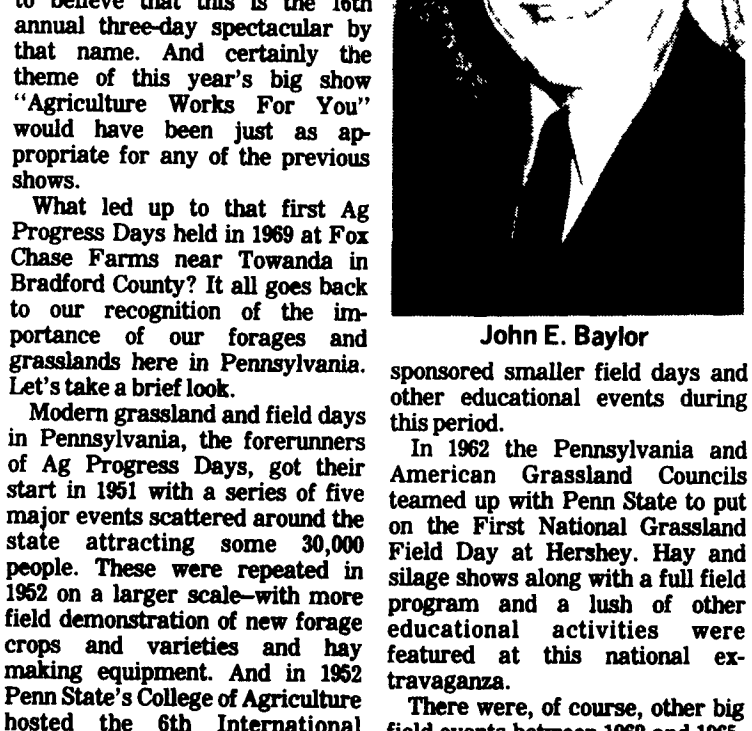
Well, lot of changes have occurred since those first grassland field days in the early 50's. We've seen many new and improved alfalfa, clover and grass varieties hit the market. Hay yields on many farms have soared as shown by the results of recent alfalfa growers programs in the state. Modern technology such as near infrared reflectance spectroscopy to measure forage quality is now on the scene. And bigger and better tractors and forage equipment are on display or at work in the field. None of these have completely solved the programs of bad weather and hay making time, but there are plenty of new ideas at work on silage and hay harvesting, preservation, packaging and storing to reduce the risk of weather related losses.

But some things haven't changed. You'll still be able to visit the hay show tent at Ag Progress Days '84, take in the big 1984 hay show, see quality hay at its best and chat with the judge and others in charge. And you'll still be able to get all kinds of new ideas on silage and hay making, soil conservation and a host of other farm and home related subjects. So be sure you're on hand at this year's show to join the fun and activities.

Incidentally, if you reflect back on some of the dates I talked about in this brief history, you'll note that 1985 marks the 25th anniversary of the formation of the Pennsylvania Grassland Council. That's cause for celebration and we're celebrating by teaming up with the American Forage and Grassland Council and Penn State to put on a National Forage Conference next March–at Hershey, where else.

You'll be hearing more about this later on. And we hope to see you there too.





1972 AGRICULTURAL PROGRESS DAYS

August 30-31
Calvin Will and Richard Croner Farms
Berlin, Somerset County

Theme:
"Food Production in a Managed Environment"

AG PROGRESS DAYS '74

August 28-29
Bloomsburg Fairgrounds
Bloomsburg, Pa.

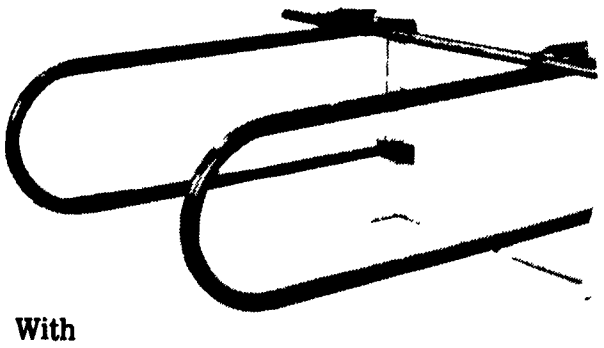
Sponsored by The Pennsylvania State University
Cooperative Extension Service
Assisting With Ag Progress Days '74:
Bloomsburg Fair Association
The Magee Carpet Co.
Columbia County Board of Commissioners
Pennsylvania Grassland Council
State Plowing Contest Committee
State and Federal Agricultural Agencies
Farm Machinery and Equipment Dealers

PAUL B. Zimmerman INC.

Visit Us During AG PROGRESS DAYS And See All This Equipment On Display

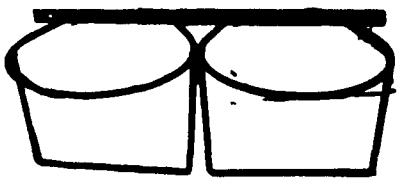
CUSTOM MADE STEEL BARN EQUIPMENT DAIRY - BEEF - HOGS

GALVANIZED "T" LOOP STALLS

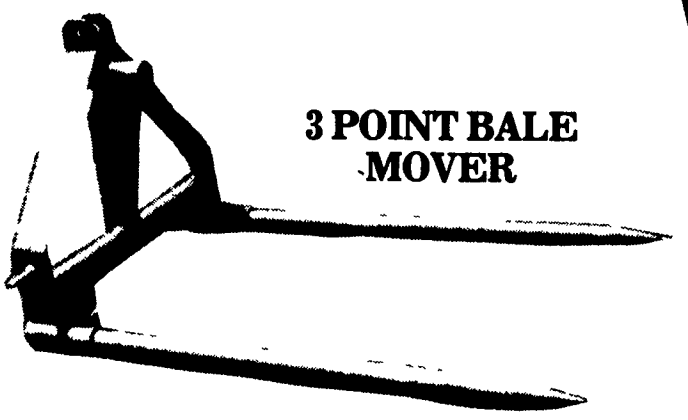


With
EASY LIFT TRAINING BAR
Which Prevents Trapped Cow Problems

AUTOMATIC PAIL RACKS AND HAY RACKS

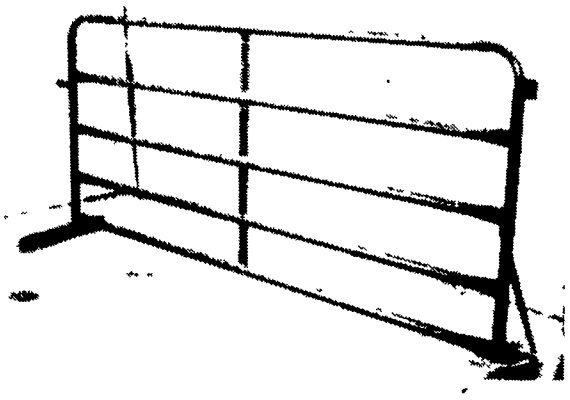


3 POINT BALE MOVER

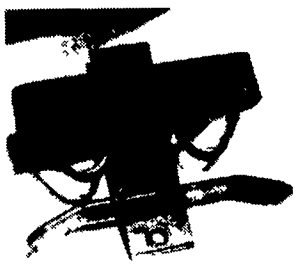


AUTOMATIC CATCH GATE

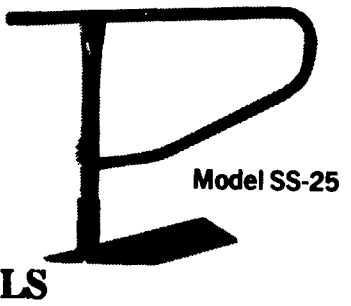
GATE



AUTOMATIC GATE LATCH

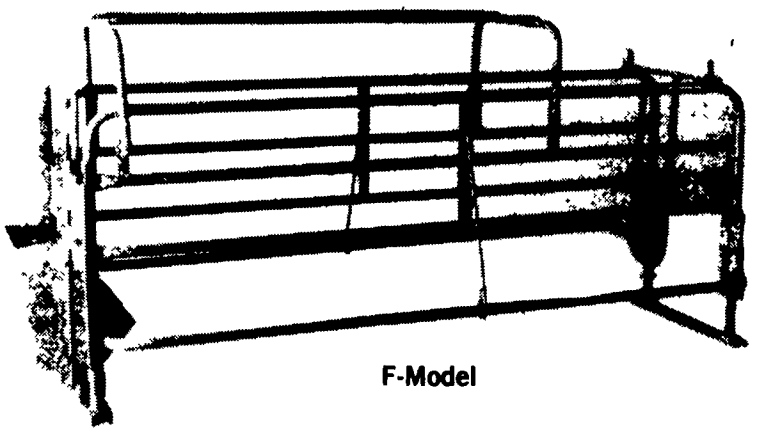


SELF LOCKING FEED THRU FENCE



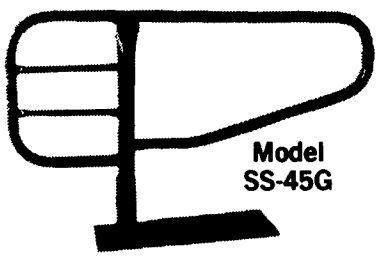
Model SS-25

FARROWING CRATE

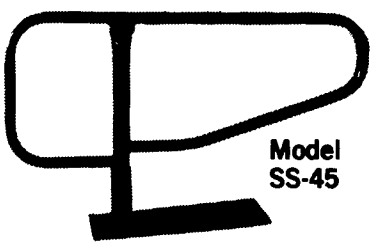


F-Model

SUSPENDED COMFORT STALLS

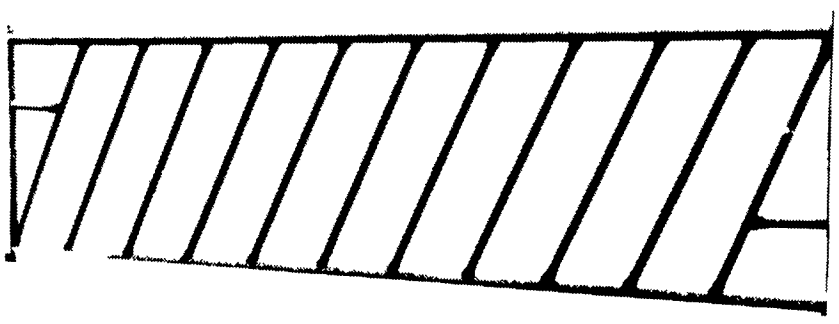


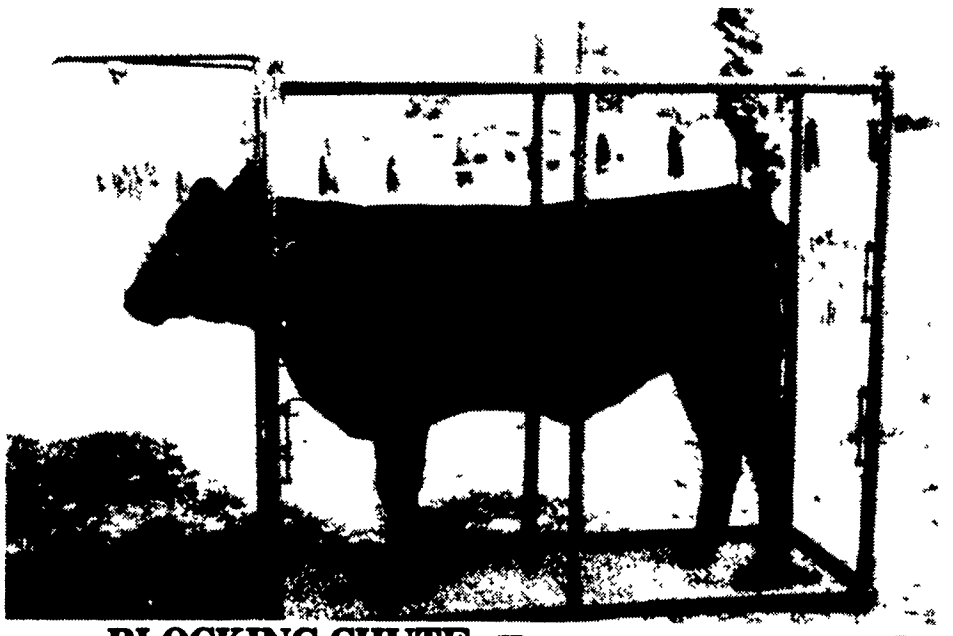
Model SS-45G



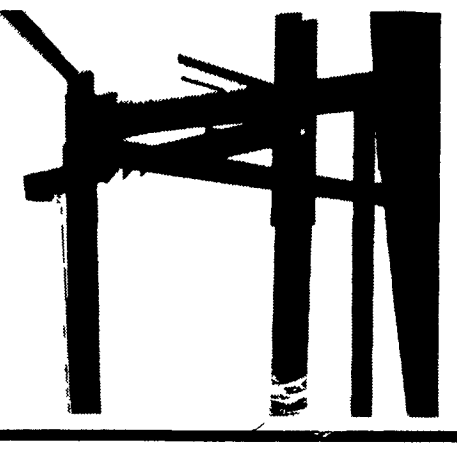
Model SS-45

SLANT BAR FEED THRU FENCE





BLOCKING CHUTE



Easy To Use Latch

PAUL B. ZIMMERMAN, INC.

Hardware • Farm Supplies • Custom Manufacturing
Crane Service

Box 128D, R.D. #4 Lititz, PA 17543
Wood Corner Rd., 1 Mile West of Ephrata

(717) 738-1121

Marketing -- it's no longer the farm step child

BY DICK ANGLESTEIN

UNIVERSITY PARK — Should I put out tomatoes or beans in wood or plastic containers or in bags at my roadside stand?

–If more emphasis is put on the promotion of one food product, like milk, how will it affect purchases of other food products?

–Just what is the real cost of pseudorabies to the purebred operator vs. the commercial operator?

–Just how effective are checkoff promotion programs?

–Is a soybean processing plant or a vegetable packing co-op practical in Central Pennsylvania?

–Just how much real thought goes into food purchasing decisions by consumers?

This list of questions – of vital interest to every farmer in Pennsylvania -- illustrates the widespread involvement of members of the Ag Economics and Rural Sociology Department at Penn State in that phase of the overall farming operation that in the past could best be described as the often neglected stepchild of farmers – marketing.

"The types of ag products that we get involved with from time to time can range from apples to zucchini," explains John W. Malone Jr., head of the Ag Economics and Rural Sociology Department.

"We have marketing projects that run from three to five-year long-term research to short-term applied research of a month to a year."

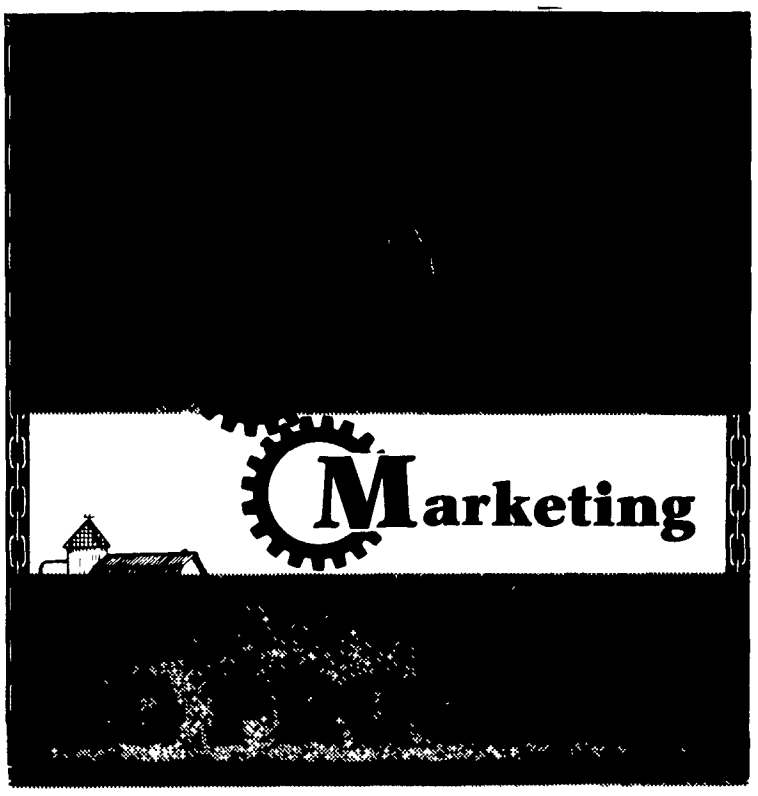
And, no matter if it's the ravages of pseudorabies or what motivates you to pick up a certain food item at the market, all of the marketing studies at Penn State are aimed at one central goal – supporting farmers and others in agriculture in their efforts in that final ultimate step in the ag chain of getting food products into the hands of consumers.

Here are just a few of the current research efforts underway at Penn State to support and aid the marketing of Commonwealth food products:

Direct Marketing

A survey of direct marketers has been launched as part of a long-range study of how to improve this phase of marketing that is so popular among Pennsylvania farmers.

"Basically, we're trying to determine the existing operating characteristics at farmer and roadside markets, as well as consumer preferences at these operations," explains Harry Vroomen, project coordinator.



"Then we'll compare the two and come up with recommended practices to improve direct marketing in Pennsylvania."

The project, funded by the Pennsylvania Department of Agriculture, will also feature work with both County Extension Agents and direct marketers in training and educational workshops. Slide

Harry Vroomen
Project Coordinator
Direct Marketing

programs and a Direct Marketing Manual will be developed.

The research will also help the state in making decisions on loan applications for direct marketing operations in Pennsylvania.

The Consumer

"Nutrition is not that big a deal to a lot of people."

With growing evidence that this assumption is playing a larger and larger role in the decision-making process of consumers as they shop for food, Robert Herrmann, professor of ag economics, is taking a closer look at the casual food shopper.

"There is more and more evidence that a lot of people are pretty casual about making food purchase decisions," he explains.

"A lot of people don't use nutrition information in making their decisions and are quite casual about their food choices. They have a lot of other things on their minds – careers, recreation or whatever.

"Past approaches to studying consumer preferences about food were too narrow and structured.

"We got to come at the consumers indirectly in this study to try and determine the way they make these casual decisions.

"And, we must pay a lot more attention to the role of men in consumer food preferences."

Pseudorabies

Lou Moore, Extension economist best known for his annual forecasts often laced with humor, may be getting into the first detailed study of the exact economic consequences of the pseudorabies outbreak in the Lancaster County area.

"The economic consequences of pseudorabies have never been looked at," he said.

"What is the cost to the purbred operator as compared to the commercial operator?

"We have the opportunity now to put some real figures to these things with the 50 or so people who have been involved in the pseudorabies outbreak."

The economic study would be part of the federally funded pilot program to determine if the disease can be eradicated.

"In the past only eradication has been considered, but we must also look at the economic consequences," he said.

Efficiency

"Efficiency is still a byword in Extension marketing programs," says Tom Brewer, marketing specialist.

"Operators like tree fruit growers must make long-term decisions. They stick a tree in the ground and it's there for 30 years.

"We must help them perceive the changes that are occuring in their markets so that top efficiency can be built into their decisions and operations.

"Efficiency of marketing is a lot different from just pushing more product out into the marketplace and trying to stuff it down someone's throat."

Negative benefits

Marketing research sometimes tells producers and farmers what they really don't want to know – that they can't effectively compete in a certain farming area.

Last fall, some people wanted to consider a soybean processing plant in the Blair County area.

John W. Malone Jr.
Department Head
Ag Economics - Rural Sociology

Thomas Brewer
Marketing Specialist

"The basic facts in a soybean processing plant are a $10 million investment and a volume of 200 tons a day," explains Lou Moore.

"Without that, you can't even think about such a business.

"Why the whole state couldn't even support such an operation."

Or, a co-op vegetable packing house for Central Pennsylvania.

"We found so much hesitancy on the part of growers," according to Brewer, "that the projected volume was not nearly large enough to justify any significant processing costs.

"We told them to try it on a limited scale without any big expenditures."

But, it never even got off the ground.

Such negative results of ag marketing studies are really quite positive in nature because they point out the economic realities to producers and growers before large amounts of capital are committed.

Robert Herrmann
Professor
Ag Economics

H. Louis Moore
Professor
Ag Economics Ext.

Action and reaction

"As we have built up more and more surpluses of food products, there has resulted more and more competition among different kinds of foods," says Malone.

"Dairy vs. vegetables; pork vs. beef, etc.

"Just how much of each can the American population eat?"

Also, there are alternative ag enterprises being considered.

"Each state or area is looking at alternative ag enterprises as possible options for their more traditional farming operations," Malone said.

"The South is taking a hard look at alternatives to tobacco and cotton.

"Here, in Pennsylvania alternatives to dairying must be considered if there are permanent drastic changes in support programs.

"But the big question in considering alternatives involves possible markets."

Also, a long, detailed look will will be taken at all of these state and federal promotion programs to try and measure exact results of all the monies that are being spent.

From Concord grapes to mushrooms, from the electronic marketing of peaches to roadside stands, ag marketing – with Penn State economists at the forefront of research – is finally getting its just due in the Commonwealth.

It's no longer the neglected stepchild; it's a full-fledged member of the Pa. farm family.

Ag Progress specialists welcome questions

ROCK SPRINGS — Do you wonder why your houseplants always die? Do you lose sleep trying to figure out the best way to keep your tomato plants from being devoured by insects? Perhaps your wheat has a strange fungus and you don't know what to do about it?

Penn State faculty and staff may have the answers. They will be on hand for you during Ag Progress Days Tuesday through Thursday at the Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45.

"Ask the Specialist" is the popular Ag Progress Day's feature where Penn State faculty who specialize in specific areas of agriculture will be available to answer your individual questions. Specialists will be ready to give you answers and help you solve your problems in several areas including horticulture, flowers, fruits, vegetables, ornamental plants, home grounds, insects, turfgrass, small-scale agriculture, soil management, agricultural preservation, farm buildings and energy, plant diseases and computers.

"Ask the Specialist" is one of the most popular Ag Progress Days features," says Dr. Dennis Scanlon, assistant professor of agricultural education, who chairs the "Ask the Specialist" committee. "We will be providing information that people may not be able to find elsewhere at Ag Progress Days.

Not only can you get your questions answered, you can get your plants examined. You can bring a plant or plant sample to the plant disease clinic, a part of the specialist program. Experts will try to identify the problem and offer suggestions about what to do.

The growing popularity of home computers makes many people wonder if they should buy one. Come and talk to the specialist about your specific situation, and find out whether a computer would be worthwhile for you, your home or your farm. Staff will be on hand to discuss Penn State's new computer network that will link all of the county Extension offices electronically.

DHIA directors meeting aims for program improvement

BY LAURA ENGLAND

STATE COLLEGE — In its continuing effort to improve program services, the state Dairy Herd Improvement Association (DHIA) held its first Directors Annual Meeting Thursday and Friday at the Penn State Sheraton, State College.

The meeting was organized in an attempt to increase statewide program uniformity. To do this, "it is important to have local director imput," according to DHIA president J. Robert Kindig.

Keynote speaker Donald Ace, Professor Emeritus of Dairy Science at Penn State, who addressed the topic "What are You Doing Here?" told the DHIA directors, "We're here to talk about opportunity and the direction of the DHIA. We're here to discuss meeting dairymen's needs and to look ahead."

Ace asked the directors if uniformity was evident in the hiring and firing process, salaries and directors meetings. "Do you have regular monthly meetings or are you meeting only during a crisis time?" he asked.

In posing questions to the directors, Ace summed up both highlights and problems of the state DHIA and stressed the need to continually meet national DHIA standards. He said he would like to see the future task of "welding the state DHIA into one program instead of 57 programs in one state."

In a slide presentation, DHIA coordinator Philip Dukas said that DHI not only stands for Dairy Herd Improvement but also for dedication, history and innovation. "We're going to go for the entire market for organizational growth," Dukas said in describing the program's scope of innovation.

Also addressing the directors was farm management specialist John Brockett. Brockett told the group that learning how to use DHIA records should be a priority. He said DHIA has been misused as a management tool.

In addition to the speakers, the DHIA directors toured the DHI Center and forage testing labs. Group discussions were also held as well as a banquet concluding Thursday's program.

Abbotts is 'manageable'

SOUTHAMPTON, Pa. — Dr. Paul E. Hand, the General Manager of Inter-State Milk Producers' Cooperative, today called the bankruptcy of Abbotts Dairies, "A serious but manageable situation for Inter-State."

Abbotts Dairies, a long time customer of Inter-State and the last remaining dairy processing plant in Philadelphia, filed a Chapter 11 Bankruptcy on Friday, Aug. 10, leaving Inter-State with an approximate $2.5 million uncollected receivable. Abbotts purchased about 10 percent of the more than 2.4 billion pounds of milk produced annually by Inter-State's 3200 member farmers. Hand continued with the fact that while the milk that went to Abbotts will have to be moved to other dealers, "profitable and economically feasible customers exist for all the milk Abbotts had previously received".

Robert B. McSparran, Inter-State's President and himself a dairy farmer located in Peach Bottom, Pa, reaffirmed Hand's comments. McSparran, commenting on Inter-State's financial situation said, "Inter-State always has been and will continue to be a strong financial organization." Also, according to McSparran, the Abbotts bankruptcy will not affect the monthly milk checks received by one Inter-State members. McSparran said, "that there will be no reduction of base, excess or blend prices to any Inter-State member as a result of Abbotts' failure to pay Inter-State."

Inter-State Milk Producers' Cooperative represents more than 3,200 dairy farmer families in Pennsylvania, New Jersey, Delaware, Maryland, Virginia and West Virginia. The 67-year-old cooperative marketed more than 2.51 billion pounds of milk in 1983.

Correction

Information accompanying a photo on page B29 concerning Baltimore County's first 4-H sale was in error. Exhibiting his champion market lamb was Dennis Kenndal, accompanied by buyers Steve and Joan Dance of Dance Auctioneers, Towson. We apologize for the mistake.

In the old days,
farmers dealt with bad weather,
tight money, and poor production.

These days . . .
it's even tougher.

Today, we have genetic improvements that produce animals with the potential to be more productive and efficient. At the same time it places a greater demand on the farmer to have up-to-date information about the nutritional requirements that these more efficient animals need.

Whatever you market — dairy, swine, beef, sheep — even if the weather is good and the market high, poor feed management can ruin your chances for a decent profit.

We can show you — as we have been showing farmers for over 80 years — how to obtain the information and the products you need to balance your homegrown feedstuffs for maximum growth and production.

This year during the Empire Farm Days, stop by and talk to us.

After all, we invented feed management over 80 years ago.

young's
Roaring Spring Pa 16673
Livestock Nutritional Services

Penna. Ag Progress Days
See Us At The Dairy and Livestock Tent

SERVING THE FARMERS FOR 112 YEARS

Each depositor insured to $100,000 FDIC FEDERAL DEPOSIT INSURANCE

HAMBURG SAVINGS and TRUST COMPANY

Hamburg, PA — Phone: 215-562-3811
A FULL SERVICE BANK

HOULE
WIC
US AGRI-SYSTEMS
800-222-2948
(301-398-2948 local)
Available From
JIM'S EQUIPMENT
(717) 942-6928

- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains
- Bedding Choppers
- Silage Carts
- Manure Tanks
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Also See Ad On Pages B24 & 25

ADVANCED BIO AG TECHNOLOGY

Helping to bring PROFITS back to American Agriculture

New Environment Technologies, Inc. - Full Spectrum Radiation Shielded Lighting - electro static, uv non chemical water treatment

Agrisonics - Foliar Spray and Sound Growth Stimulant

Nema - Neutralizing Toxics with Vitamin C

Progressive Ag Systems - Botanical Insecticides

Fertimax - Biological Scientific Soil Management

Syntrek - Synthetic Lubricants

Attention All Farmers:
CHOLESTEROL IS NOT the primary cause of Cardio Vascular disease! The evidence that points to CHLORINE in drinking water as the prime cause.
"Coronaries/Cholesterol/Chlorine" by Dr. Joe Price
See us at Ag Progress Days under one tent. For more information call:
717-273-2408

Grange holds picnic

OAKRYN — Fulton Grange No. 66 held its annual picnic on the Grange Hall grounds in Oakryn, at 7 p.m. on Aug. 13 after which Master Thomas Galbreath conducted a short business meeting.

AnnaBell Wiley reported on the new State Grange cookbook sales. The Solanco Fair booth committee also reported. It was decided to have a dinner-theater this fall. Clifford Holloway Jr. reported representing the State Grange at a Pa. DOT panel discussion regarding roads, bridges and state road detours on township roads.

Lecturer Sandy Galbreath presented the program opening with a short story entitled "Anybody, Somebody, Everybody and Nobody." A short skit "Value Of A Dollar" was presented by Richard Holloway, Christine McCallin and Willis Krantz. Chris Esbenshade, a Solanco FFA student and Ag teacher Ronald Weaner showed colored slides and gave a very interesting report of their trip to the National FFA convention in Kansas City last November.

The Women's Activities committee will be in charge of the program at the next meeting on Aug. 27, which will feature a Dutch Maid fashion show and Craig Williams will sing a solo. There will be nominations for new officers at this meeting, and election of officers will be held at the Sept. 10 meeting.

Boar sale on Wednesday

HARRISBURG — Pennsylvania's 7th Performance Tested Boar Sale, featuring some of Pennsylvania's finest swine breeding stock, has been scheduled Wednesday Aug. 22 at the Department of Agriculture's Meat Animal Evaluation Center in State College, according to state Agriculture Secretary Penrose Hallowell.

"A total of 80 boars from some of the state's outstanding swine herds have completed the test, and the top 49 will be offered for sale," said Hallowell, noting that the sale begins at 6 p.m. in the Center, located near the new Ag Arena on the Penn State Campus.

The purpose of the testing program is to provide a common standard to measure the individual performance of potential herd sires in rate of gain, feed efficiency, structural soundness, muscularity, condition and estimated carcass merit.

The Pennsylvania Pork Producers Council is conducting a drawing for six $50 buying certificates for buyers from their membership who purchase boars at this year's sale.

For additional information and catalogs, contact Ed Barben, Acting Director, Pennsylvania Department of Agriculture Meat Animal Evaluation Center, 651 Fox Hollow Road, State College, PA 16801 or phone (814) 238-2527.

The program is cosponsored by the Pennsylvania Department of Agriculture, in cooperation with the Pennsylvania State University and the Pennsylvania Pork Producers Council.

All-American deadline listed

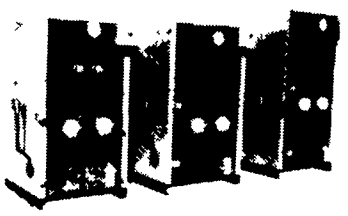
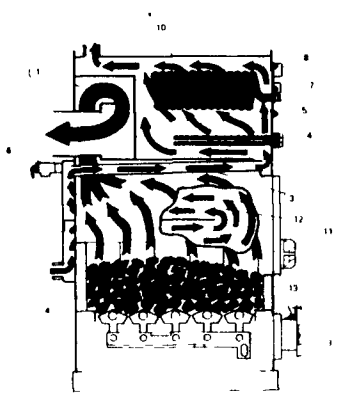
HARRISBURG — The deadline for early registration for the Pennsylvania All-American Dairy Show is Aug. 24, according to state Agriculture Secretary Penrose Hallowell.

Early registrants pay only $10.00 per entry, but the late registration fee is $20.00. The final entry deadline for the All-American is Sept. 5.

One of the top three national dairy circuit events, the All-American is slated Sept. 24-28 at the Farm Show Complex in Harrisburg. The 21st annual show is highlighted by three national sales — the Holstein All-American, the Brown Swiss Invitational and the Ayrshire Invitational — and six breed shows.

For additional information, contact the Pennsylvania All-American Dairy Show, Farm Show Complex, 2301 North Cameron Street, Harrisburg, PA 17110-9408; phone (717) 787-2905.

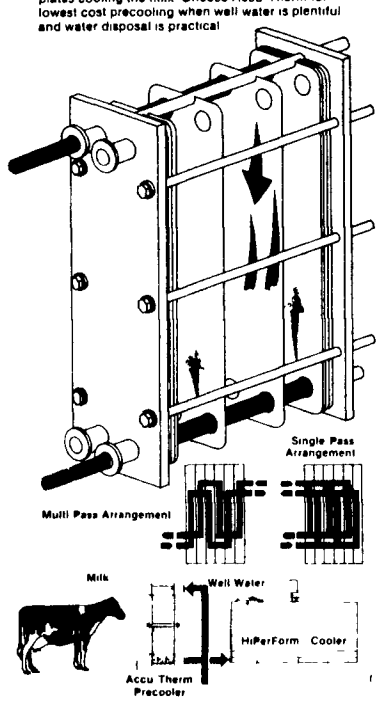
DHIA TESTED GRADE
HOLSTEIN DISPERSAL SELLING
ZIEFLE FARM
GRADE HOLSTEIN DISPERSAL
Kurt & Ruth Ziefle, Trumansburg, N.Y.
SATURDAY AUGUST 25TH-12:00 NOON
SALE HELD AT
CENTRAL BRIDGE SALES ARENA
Located Route 30A midway between Central Bridge & Sloaresville. From Binghamton take Route I-88 Northeast for approximately 100 miles & exit at Central Bridge.
110 GRADE IDENTIFIED HOLSTEINS 110
55 Cows-25 Bred H. - 32 Yearlings & Calves
All Grades Are Grade Identified with Official Identified Papers From Holstein Office.
• 30 Cows & Heifers Bred for the Fall
• DHIA Average 18,082M 607F
• Cows selling with records up to 27,000M
• Artificially Sired
• Daughters selling - Ropies Chief Buff-5, Willow - 11, Cavalier - 2, PF Elev. Astro-5, Cross F Orisky Astro-4, Paroyon Bootmaker 7, Blend-7, Sooner-3, Bootnick-6, Milestone-2, and many more A.I. plus Proceed Sires.
* Cows can be held for blood testing for Interstate shipment
Central Bridge Sales Service
Central Bridge, N.Y. 12035
Walt Wagner, Sales Mgr.
518-868-4571

HARMAN TRIDENT BOILERS

THE ULTIMATE IN WOOD/COAL
BOILERS, FURNACES & FREE STANDING STOVES
(Available to plumbers at wholesale price)

FEATURES:
1. Exclusive Harman Spiral Chamber
2. Harman Cast-Iron Grate System with external shaker lever
3. 1" Schedule 80 Water Pipes
4. Optional Electric Back-Up Kit
5. Optional 4 gpm Domestic Hot Water Coil
6. ASME Pressure Relief Valve
7. Temperature Pressure Gauge Fitting
8. Dual Function Aquastat Fitting
9. Electronic Automatic Draft Control
10. Heavy ¼" & 5/16" Steel Construction
11. Overfire Draft Controls Provides Secondary Air To Burn Coal Gases
12. Unique Water Flow Pattern For Maximum Heat Transfer
13. Heavy Cast-Iron Doors
14. Fire-Brick Lined
CHESTER B. NOLT
30 S. Hershey Ave. (Bareville) Leola, Pa. 17540
Phone (717) 656-6898
Hours: Mon. & Tues. by Appointment
Wed., Thurs., Fri. 10 to 8; Sat. 10 to 4

I'M NOT LION...
The Classified Livestock Section Has Beastly Selections!

Eliminate
Fencing Problems
WITH
ARC
SOLAR FENCING

NUMBER 1 CHOICE OF NEW FENCING BY AMERICAN FARM & RANCH OWNERS
"The Arc 12 Solar system allows us to safely run our stallions next to the mares eliminating time and labor on try backs
Harold S. Warder Quality Quarter Horses Oskaloosa Iowa
• Eliminates fence sagging
• No staples or wire clips
• Adjustable enclosed spring assembly for each wire
• Optional site rails™
• Optional Arc 110 Volt multi wire unit
• Installed by trained dealers
• Fully guaranteed by warranty
The ARC 12 Fence is a new concept in livestock fencing. Using free energy from the sun, the solar powered solid state unit keeps a powerful 12 volt battery charged for effective shocking. Special non-conductive white plastic posts are attractive and extremely durable, capable of being bent 45° and returning to their original position. Using smooth 12½ gauge high tensile wire eliminates injuries from barbed wire.
Manufactured by
SOLAR FENCING, CO.™
Box 557 Hwy 63 South, Oskaloosa, Iowa
Phone (515) 673-0401 (Iowa) (800) 247 8150 (out of state wats)
Representation in 28 States 12 Foreign Countries
We Still Have A Few Choice Distributor And Dealerships Available
717-649-5321
KEYSTONE SOLAR FENCE CO.
R.D. 2, Box 148
Watsontown, PA 17777

Mr. Dairyman If You Are Interested In Saving Energy Or If You Are Having A Cooling Problem, Please Call us For A No Obligation Demonstration
The Mueller Accu-Therm™ Precooler
...uses well water to precool your warm milk before it goes into your milk cooler!
In seconds 100 degree milk is cooled to within 15 to 20 degrees of well water temperature. Milk flows between every other stainless steel heat exchanger plate while well water flows in the opposite direction on the other side of these plates cooling the milk. Choose Accu Therm for lowest cost precooling when well water is plentiful and water disposal is practical.
FOUR REASONS WHY YOU SHOULD HAVE A MUELLER ACCU-THERM PRECOOLER ON YOUR FARM!
1 Reduces Energy Cost
Milk from the cow is about 100 degrees F. Precooling milk by 20 degrees shortens the time the milk cooler refrigeration system must operate by one third. Precooling warm milk by 30 degrees will cut your milk refrigeration system operation in half. A Mueller Accu Therm lowers your energy costs and reduces your operation expenses.
2 Flexibility
The Accu Therm is available in wall mounted or floor models to fit any milking operation or space restriction. As your dairy operation grows, Accu Therm can be easily adapted to increased volume by adding heat exchanger plates. This is a simple job requiring only a hand wrench and a few minutes and does not require moving the Accu Therm.
3 Low Maintenance
The Accu Therm Plate Heat Exchanger is a closed system and can be quickly and efficiently cleaned in place with the rest of the milking system.
4 Pays For Itself
The money you save in reduced energy costs will soon repay your investment in a Mueller Accu Therm milk precooler. For example: with 60 degree F. well water for cooling, milk temperature is lowered by 20 degrees and energy requirements are reduced one third. The typical 5 HP milk cooler condensing unit uses approximately 5 kilowatts per hour of electricity.


MUELLER
Accu-Therm
PLATE HEAT EXCHANGER
RUFUS BRUBAKER REFRIGERATION
614 Penryn Rd. Manheim, PA
717-665-3525
Southern Service Center
R.D. 3,
Dry Wells Rd.
Quarryville, PA
717-786-1617
Northern Service Center
RD 1, Box 199
Myerstown, Pa
717-933-4711
MOJONNIER PARTS AVAILABLE
USED COOLERS AVAILABLE
• 1,000 & 3,000 Gal. Mueller
• 300 & 400 Gal. Mojonnier
• 300 Gal. Sunset
• 400 Gal. Girton • 1,000 Gal. Zero
• Various Types of Inexpensive Tanks!

SHORT NOTICE SALE

TUESDAY, AUGUST 28
8:00 P.M.

To be held at Smoketown Quality Dairy Sales, Smoketown, PA.
5 miles East of Lancaster, 5 miles West of Intercourse.

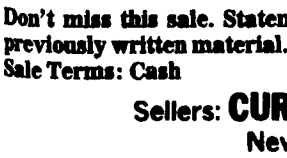
COMPLETE HOLSTEIN DISPERSAL OUT OF NEW ENGLAND STATES.

42 Cows
8 Bred Heifers for Fall
1 Service Age Bull

Herd Average 5016. Milk Per Day. Cattle being sold due to death in family.

Also Selliong Group Registered Cows And One Registered Bull from 1 herd.

Watch for More Details Next Week.
— Sale Managed By —
Smoketown Quality Dairy Sales Co. Inc.
Gordon and Helen Fritz
717-393-0930



RAIN OR SHINE
BRING CHAIRS
SALE UNDER TENT

PUBLIC AUCTION

SATURDAY, AUGUST 25, 1984
9:30 A.M. SHARP
MIFFLINVILLE, PA.
In the middle of town-Right on the Main Street
The Old Mifflinville Hotel, Exit 37 I-80
(Watch for auction signs)

MANY, MANY YEARS OF HOUSEHOLD ACCUMULATIONS, ANTIQUES & COLLECTIBLES, GUNS TO BE SOLD ALSO

Oak dressers, oak buffets, oak chest of drawers, many wooden and single and double beds-metal beds, old oak cupboards, wagonseat, wood and metal tables, various clocks, eight day clocks, etc. Oak library tables, oak rockers and straight chairs, wood doll furniture, cast iron toys, school desks, porch swing, old cast ash tray, several bedroom suites, wooden washing machine, old wooden boxes, 2 old oak wheel chairs, turtleback and square trunks, printers type cabinet with 20 drawers (wood) aluminum awning, phone desk and chair, viewmaster with slides, slide projector, large electric fan, old floor model radios, lots of luggage, old car parts-hub caps, wheel rings, hood ornaments, etc. many many old books, original signed Coke tray 1936, nice, min. Coke bottle and chain, min. McHenry sample whiskey bottle (amber) copier, new barrel pump, depression glass green, pink, yellow etc., Noritake, Roseville, English china, Nippor plates from Germany, Austria, etc., pressed glass, crystal, old thimbles, scissors, old advertising fans, dishes, rulers etc., Singer sewing machines, many nice hand stitched quilts, patchwork, wedding ring, etc., doilies, linens, miniture brass trumpet and bugle, pots, pans, kitchen items, etc., much old silverware, power and hand mowers, many garden tools, hand cultivators, old wood soda crates, old well drilling bits and tools, old wooden tool boxes, jewelery-10 & 14 carat gold rings, Gold pocket watches, sterling silver rings and necklaces, lead crystal necklaces, earrings, cuff links, etc., old hat pins and stick pins-diamond and black onyx, flower, etc., fountain pens, foxtails, and many new toys, hats, and games, school supplies, many items never out of boxes, hand blown Christmas ornaments, wooden and paper Christmas ornaments (old and nice) also old Santa Clauses' miniture Christmas fence houses, etc., W.W. 2 uniform, W.W.1 helmets and leggings. Many, many items too numerous to mention.

GUNS — 2:00 P.M.

Rifles- Mauser 98-8mm, Mauser 93-7mm w-scope, Winchester 94-44 Mag., H&R 22 Hornet w-scope, Marlin M-80-22, Remington M-12-22, Springfield 22 single shot, Winchester M-60 22 Single shot, Geco 22 single shot German, Shotguns-12 guage single barrel, Italian 9mm single shot, S&W M-1000 automatic with chokes, new 410 bolt action New Haven, new 20 guage New Haven bolt action. Pistols & Revolvers-matching set Ortgies German automatics W.W.2-25 and 32 A.C.P. Saur and son 32 automatic, High Standard Supermatic 22 target pistol with barrel weights, 25 caliber Derringer Davis new, new Butler Derringer 22 Caliber, with pres. case, H&R Rev. 32 caliber, H&R America 32 Rev., H&R 32 hammerless, H&R M-732 32 S&W, RG 38 Special Rev., British W.W.2 Enfield Rev. 38 S&W.

Don't miss this sale. Statements made day of sale take precedence over previously written material.

Sale Terms: Cash **Not responsible for accidents.**

Sellers: **CURTIS & MARY ELLEN MOORHEAD**
Nevius Auction Service
Box 187, Mifflinville, Pa. 18631 Ph. 752-4214
Auctioneers-Licensed and Bonded
DAN NEVIUS AU-000-679-L 752-4214
OLEN KNECHT 683-5955
Clerk — Jay Leiby
Lunch — Miff-Ridge Bandit's

Auctioneers Note — Mr. and Mrs. Curtis Moorhead having recently purchased the Old Mifflinville Hotel are offering all of the above items for public auction. Most of the above items have been stored in this building for many, many years. This building is to be renovated to its original condition so it will once again be a historical showplace.

TOTALLY BALANCED

Low-Cal Weight Watcher Foods

Herbal Diet

LOSE WEIGHT NOW!

3-30 Day Plans To Choose From!
1. Good — $29.95 2. Better — $54.85
3. Best (deluxe) — $89.80

— No Additives or Preservatives —
10-29 Excess Lbs. Per Month — 100% Money Back Guarantee

LEOLA DIET & NUTRITION CENTER
98 W Main St, Leola, Pa 17540 (Rt 23 & 772)
Same building as Leola Fireplace Shop
VISA MasterCard
(717) 656-6408 M,W,F 10-8; T,Th 10-6; Sat. 9-5
We Will Mail or UPS

TWO-DAY PUBLIC SALE

HARVESTORE SILO, FARM EQUIPMENT & DAIRY CATTLE

THURSDAY, AUG. 30 AT 10:00 A.M.
FRIDAY, AUG. 31 AT 12:00 NOON

Located approximately 8 miles east of Chambersburg, PA (Franklin Co.); on Route #30 turn south on Route #997 3 miles to Pond Bank, turn west on Duffield Rd., sale at 5614 Duffield Rd.

SELLING THURSDAY AUG. 30,
AT 10:00 A.M.

CASE 2090 diesel tractor w/air conditioning, power steering, radio, weights; I.H. 2544 hydro-industrial tractor w/3000 I.H. loader, 7' bucket, and manure fork; Ford 800 tractor w/wide front; Oliver 88 tractor; Oliver 1800 diesel tractor w/power steering; Better Built 3150 liquid manure tank spreader w/4-wheel brakes; Gehl 800 forge harvester w/6' grass head and 2-row corn head (wide or narrow #PR-30-38); 750 Cagle field sprayer w/hydraulic boom & electronic monitor (dual axel); Hesston 10-10 hay bind; J.D. 346 baler w/hydraulic thrower; two 6-ton Grove forage rear unload wagons; 8-ton N.I. hydraulic side-dump wagon; Badge 1500 gal. liquid manure gravity spreader w/hydraulic spinner (dual axel); 1830 Butler ensilage mixer w/electronic weights (P.T.O. trailer type); 675 New Holland 275 bu. manure spreader; 56 I.H.C. P.T.O. silo blower; Pequea P.T.O. hay tedder; Hesston 10 W hydraulic stack mover; Lely 3-ton transit fertilizer spreader P.T.O.; 450-7' New Holland sickle bar mower; J.D. 7000 no-till corn planter w/monitor; J.D. 400-12' rotary hoe; 6' rotary mower (brush hog); 440 O.M.C. hydrostatic skid loader; 14 x 8 wagon (bale racks); Badger P.T.O. 540 liquid manure lagoon pump; 24' J.D. elevator (transport); 16' portable ear corn elevator; 13 x 7 J.D. grain drill; Oliver side-delivery rake; 10' Pittsburgh transport disc; 3 & 4 bottom Oliver cushion trip plows; 2-3 pt. scraper blades; Cobby running gear w/steel frame; cattle trailer (dual axel); 32' King Wize elevator w/motor; 3 pt. 2-shovel score-out plow; 3 pt. 2 & 4-row cultivators; 3 pt. potato plow; 3 pt. 12' weeder; dual axel car or equipment trailer; ground-driven potato digger; Badger bale chopper w/5 h.p. gas motor; portable 4-wheel cow lift w/winches; 14' & 16' x 6" & 11' & 4" grain augers w/motors; steel hog feeders; 7' 3 pt. P.T.O. snow blower; 12 calf hutches; calf cart; 1,600 gal. plastic fertilizer tank; 250 steel gas tank; 44' of H-bunk feeders (16" sides); 8 firing gates front & back w/feeder & waters; 25KW Loadstar P.T.O. generator (used little); Century 295 amp welder; 3 pt. log splitter (screw-type); Land-O-Matic water chlorinator; Oliver 88 tractor (for parts); Agway ½ h.p. air compressor; 25 sections of heavy wire corn crib; motor stand; 1-ton chain hoist; 3 chain saws; 30 Fry Bros. steel free stalls; 40' wooden extension ladder; air tank; milk cans; 7 x 16 chicken house; large anvil; large bench vise; double drum shop stove; fencing; 2 rubber-tire wheelbarrows; aluminum bull float; birch kitchen cabinets; barn fan; 1956 Packard 4-door (needs work); 1941 Jeep; blower fan; fence chargers; ½" electric drill; small farm related items.

Storage equipment - Harvestor 20' x 42' high (non-expandable) silo w/auger unloader; Harvester roller mill w/3-h.p. motor; G.S.I. grain bin (10½ ton) w/6" unloading auger (new). Silo & grain bin to be removed by buyer within 60 days. 110' x 110' x 10' deep manure pit of manure.

SELLING FRIDAY AUG. 31
AT 12:00 NOON

130 HOLSTEIN CATTLE

80 head of home raised Holstein grade cows - 3/4 of cows are first & second calf heifers, more than ½ of cows are at full flow of milk. Just to mention a few . . .

#26 w/17,775 lbs. & 651 lbs. fat
#37 w/16,581 lbs. & 505 lbs. fat
#61 w/20,871 lbs. & 764 lbs. fat

24 bred heifers & springers - preg. checked
18 heifer calves - 1 to 4 months
Individual health charts furnished.
TB & Bangs for inter-state shipment.
Cow sale Under Roof.

Also selling - 1500 gal. Mueller S.S. bulk tank w/3 & 5 h.p. compressors; 8-stall Bou-Matic milking unit w/8 champ automatic take-offs, washers, 2" glass receiving jars & 2" S.S. low line; two 7½ h.p. vacuum pumps; Surge High pressure power pump; 80 gal. hot water heater; small refrigerator; Williamson approx. 120,000 B.T.U. hot air oil furnace (New).

Terms - Settlement in full on sale day by cash or good check. No items removed until settled for. Not responsible for accidents.

GREGORY A. & COLLEEN A. CLUCK

Auctioneers:
Edward Henicle & Edgar Stull,
AU000405-L AU-000921-L
LUNCH

Poultry export talks urged

WASHINGTON, D.C. — The United States Senate has passed a resolution calling for speedy negotiations to provide relief for American poultry and egg exporters from unfair foreign competition. U.S. Senator Howell Heflin cosponsored the resolution.

Heflin noted that the United States has been engaged in trade negotiations for three years and that "if this problem is not resolved quickly, the U.S. may find it no longer has a poultry industry due to the subsidized competition form Europe and Brazil."

"The share of the poultry product export market held by the United States between 1964 and 1983 decreased from 97 to 13 percent, while the share held by the European Community rose from 3 to 46 percent during that time period," Heflin said. "The share of U.S. egg exports in the same markets has fallen from over 250,000 cases shipped in 1981 to about 50,000 cases in 1982 and an estimated zero cases in 1983."

"The American poultry and egg industry has always been willing to do battle with foreign competition, but on terms that reward the most efficient producers, not growers who have talked their governments into granting them huge export assistance programs," The Albama Democrat asserted. "For example, government subsidies give the French exporter a 15 percent price advantage over his American counterpart

FARMFISTER

See the Newest Most Economical

DIAL SCALE for TMR Mixers

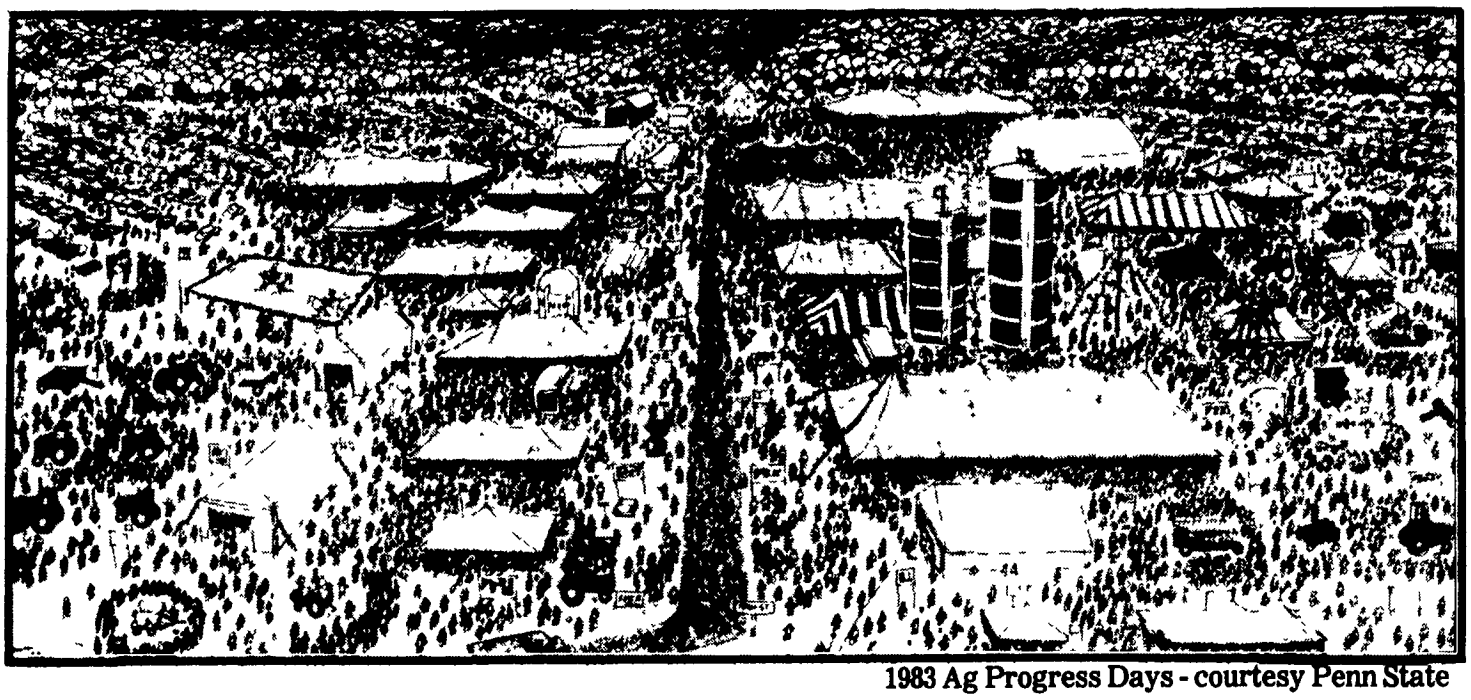
See Us At Ag Progress Days West 11th

717-354-6235

DeLaval Dee
DeLaval Do
DeLaval does the best job of all!
Call
Cecil Dairy Service
301-658-6923
DE LAVAL

For the best deal of all
See Section C Page 47

SEE YOU AT AG PROGRESS DAYS!



1983 Ag Progress Days - courtesy Penn State

Stop by the Harvestore® booth and register for valuable free prizes!

GRAND PRIZE

HARVESTORE® GRAIN UNLOADER

to be awarded Thursday

One 48-qt. Harvestore® cooler chest given away each day.

All Winners Will Be Announced In A Future Issue

Harvestore® Owners:

- See new fast, high-capacity Center Fill Assembly.
- Consider trading-in your present grain unloader for a new Power Sweep Auger
- Trade up to a rugged Atlas forage unloader.

Prospective Buyers:

- Check the advantages of a pre-owned structure built by your local Harvestore® dealer.
- Fair-priced reconditioned Goliaths on display.
- Ask about dating and discounts on new equipment.

- Acutal working Computrac Computer Feeding System on display.

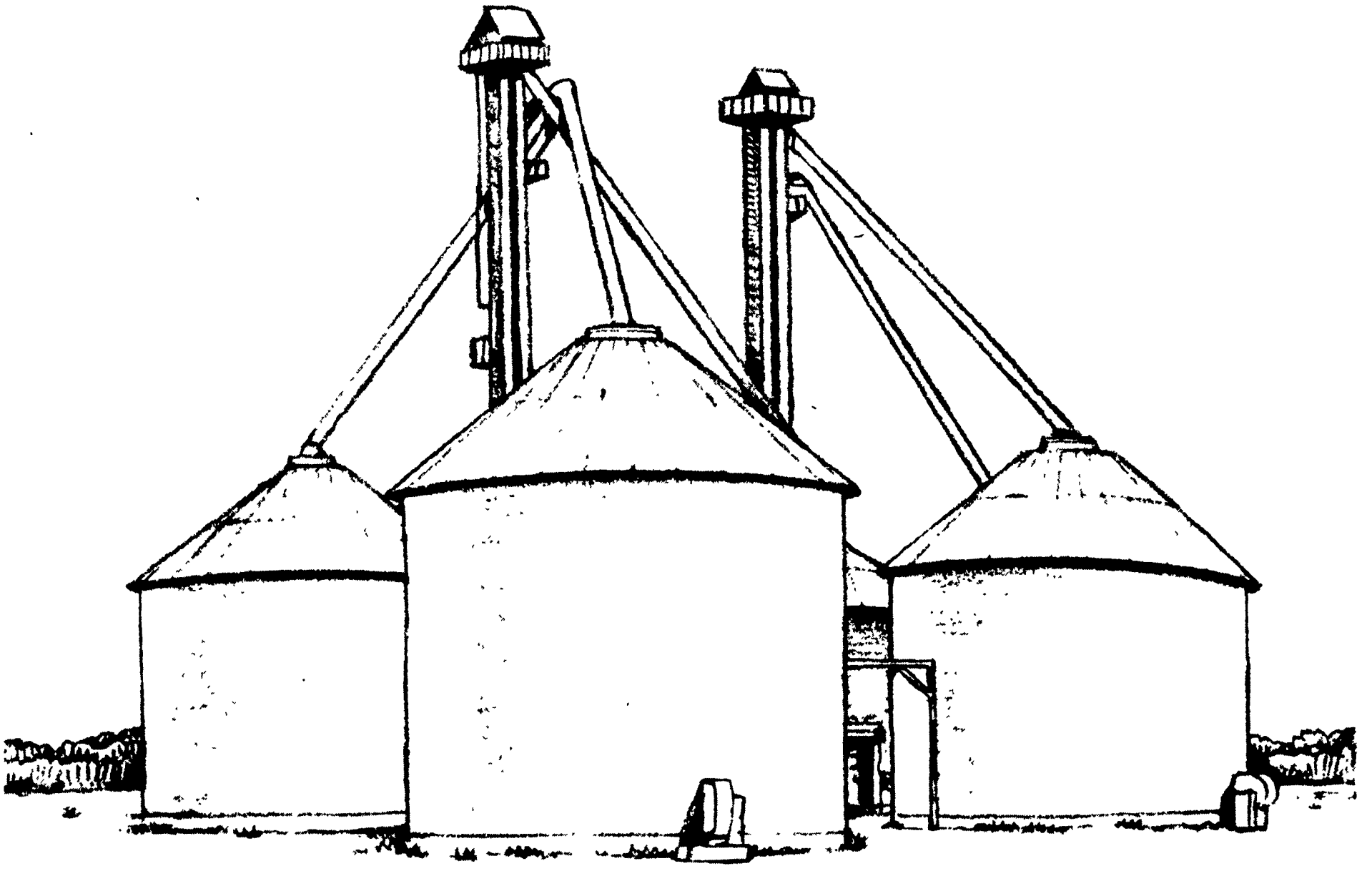
We'll have a pre-owned Harvestore Structure for high moisture grain at our booth for your inspection.

Endless Mountains Harvestore® Systems, Inc.
Towanda, PA
717-265-2200

Penn Jersey Products, Inc.
New Holland, PA
717-354-4051

Pennsylvania Harvestore®, Inc.
Dillsburg, PA
717-697-0308

Western Pennsylvania Harvestore® Systems, Inc.
Slippery Rock, PA
412-794-4093



When You Talk Farm Marketing, We Speak Your Language.℠

Call an office listed below and ask for the branch nearest you

- **BERKS-LEHIGH VALLEY FARM CREDIT SERVICE**
  Fogelsville • 215/395 6831
- **BUTLER FARM CREDIT SERVICE**
  Butler • 412/482 2161
- **HEADWATERS FARM CREDIT SERVICE**
  Wellsboro • 717/724 1961
- **LANCASTER FARM CREDIT SERVICE**
  Lancaster • 717/291 1855
- **MEADVILLE FARM CREDIT SERVICE**
  Meadville • 814/336 3149
- **NORTHEASTERN FARM CREDIT SERVICE**
  Lewisburg • 717/523 1201
- **SOUTHEAST FARM CREDIT SERVICE**
  West Chester • 215/431 1257
- **WEST CENTRAL FARM CREDIT SERVICE**
  Uniontown • 412/437 2825
- **YORK FARM CREDIT SERVICE**
  York • 717/792 2641

FARMING spoken here℠

At Farm Credit, our loan officers know farm marketing, so we understand what it takes to develop a sound marketing program that works for you. As farmer-owned, farmer-controlled cooperative lending institutions, we're true specialists in agricultural credit. We know the ins and outs of making your marketing effort as profitable as possible with the loan you need. We're in business to help make things better for farmers and their cooperatives. And we do it by providing a wide range of financial services for everything from storage and delivery systems to equipment and operating expenses.

There's an office near you. Call or stop by today and talk farm marketing loans with the people who speak your language.

FARM CREDIT SERVICE

Joint Land Bank
and
PCA Services

Visit our display at Ag Progress Days.
Say hello and sign up for door prizes.

EQUAL OPPORTUNITY LENDER © Copyright, Farm Credit Banks, 1981

Pork producer promotes his product with 'pignics'

BY SALLY BAIR
Staff Correspondent

MECHANICSBURG — Cumberland County Pork Producer Kent Strock believes every farm should promote what he produces. For Kent, that means promoting his favorite food - pork.

He and his wife, the former Raelene Harbold of Lancaster County, offer a "scent-sational pignic" for a taste treat. Kent and Raelene will roast a whole hog for "pignics" and it is always a crowd pleaser.

In 1982 Kent and Raelene had 15 pig roasts for friends and others; in 1983 they gave 21, and this year they have over 24 scheduled and will be feeding about 3,300 people. Asked why they have become so popular, Kent says simply, "Once you taste one, you want to have one."

Indeed, the succulent roast pig coming off the spit after 6 to 12 hours of cooking over charcoal is a tasty meal. Kent says, "The fact that it's done over charcoal, slowly, makes it more tender and juicy than ordinary pork roasts. The ham, the loin and the shoulder all taste the same - they have pork flavor and that's appealing."

While pig roasts are becoming increasingly better known here. Kent first learned of them when he was teaching at Austin Community College in Minnesota. He said, "We heard of it, and then rented a roaster. We raised our own pigs, so if people bought the pig, we'd roast it. We did it in the summer when I was teaching, so it worked out well."

When they returned to Cumberland County, Kent borrowed some ideas from the roaster he had used in Minnesota, and proceeded to build one with the help of his father. "It took a long time," he recalls. "We started with a 275-gallon fuel tank and an idea. We worked on it whenever there wasn't a lot of farm work."

Kent and his father Clyde have a commercial farrow to finish operations, Strocklyn Farms, just outside of Mechanicsburg on Williams Grove Road, with 80 sows. The elder Strocks also raise 3,300 turkeys, processing and retailing them from the farm.

Part of the delicious taste of pig roasts comes from the charcoal. The amount of charcoal needed varies with the weather, and Kent stays at the "pignic" site throughout the day, adding charcoal as necessary to keep the roaster hot.

Kent offers tidbits to waiting bystanders as he carves the pig. It is the moment all have been waiting for once the pig is lifted out of the oven. "Oooh, it's good!" is the most frequent comment heard as they eat the succulent pig.

Very strong in his commitment to the pork industry, Kent feels his pig roasting business is just one good way for him to take his message to the public. "I figure it's part of my job as a hog farmer. It is like someone advertising breeding stock or going to a hog show. I think it is good 'PR' for the pork industry." Furthermore, he adds, "I enjoy it."

Kent has also found it profitable, but points out that it requires a large time commitment, especially on weekends because that's when most pignics are scheduled. There is also a substantial investment whether you purchase a commercial roaster or devise your own. A lot of people use 55 gallon drums for small pig roasts, but they just are not adequate for large roasts.

Kent and Raelene work together when they put on a roast. The work begins from 6-9 hours before the scheduled eating time, depending upon the size of the pig and the weather. Because of the size of their operation, Kent says they can provide almost any size pig any time of the year. He has the hog dressed by a butcher.

There is no "normal" size of hog they use for cooking. Kent says they plan one pound of carcass per person, and about ½ pound per child. "That way you always have extra," Kent states. He said he now can choose a live pig to within 4-5 pounds of the carcass weight he desires.

Kent drives the spit of the rotisserie through a shoulder bone and a leg bone to secure it, and has designed prongs to hold the rest of the carcass in place as it slowly rotates. He and Raelene put the spit in the roaster at the site of the picnic, then Raelene ususally returns home and he stays to "baby-sit" the pig while it cooks.

The job of the baby-sitter is to check the roast, and its internal temperature, and add charcoal as the day progresses. Kent points out that the weather affects the time it takes to complete a roast. On cool days it takes more charcoal, and it could make a difference of 20-30 pounds of charcoal.

If the roast is to be served at lunch, it may mean getting up at 2 a.m. to get it started. Sometimes that means the "sitter" can take a nap in the van. Usually the long hours during the day are passed by catching up on reading newspapers and magazines, and Kent says he likes to talk with people while he waits and watches he doesn't leave it unattended.

The oven that Kent has built is attached to a trailer for ease of travel. It has a side opening, and two large charcoal trays to hold the coals. A 1/10 horsepower motor turns the spit.

The trailer is built with a wide platform on either side, which gives space to rest the finished pig on while the carving takes place. Taking the pig off the spit draws a

(Turn to Page B4)

Raelene wears her "Scent-sational Pignic" shirt and a sturdy denim apron as she and Kent begin to carve the carcass for eating. It takes from 30-45 minutes to reduce the pig to fat and bones.

Homestead Notes

These crafts give some hint to the variety of corn crafts which will be on display during the Shippensburg Corn Festival next weekend. Here, Dot Ocker shows some of her creations.

COME ON IN!

DEALIN' DAY!

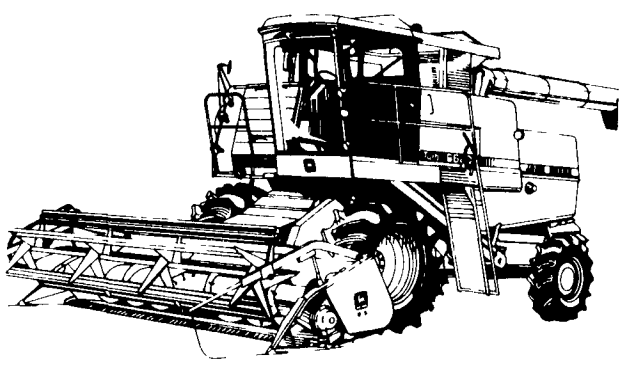
WE'RE READY TO DEAL ON THIS EQUIPMENT

JOHN DEERE

Division of Faindl's FARMS

SPECIAL REDUCED PRICES ON SELECT NEW COMBINES

In Stock Now!



Get more combine for your trade-in. Check over the 6620 in stock now

(1) 2 - JD 6620 SIDEHILL
1 - JD 6620 LEVEL LAND

★ ★ ★ ★ ★

USED COMBINES

3 - JD 6600 D Sidehills
1 JD 6600 G - Priced Right
2 - JD 4400 G - Reduced For Quick Sale
1 - Unisystem 701 - Combine Unit With Heads

NO INTEREST UNTIL 1985!

NO PAYMENTS UNTIL 1986!

With Normal Down Payment or Equivalent Trade!

DON'T KISS $8,938 GOODBYE

That's how much you could lose just on resale value if you don't buy a John Deere

Looking for a big discount when you buy a tractor? Don't get stuck with an even bigger discount when you want to sell it.

Always consider resale value when you price a field tractor. Because the differences among brands may some times be bigger than ANY purchase incentive.

Compare John Deere with our two leading competitors. According to the Spring 1984 Official Guide of the National Farm and Power Equipment Dealers Association, the average 5 year-old John Deere 4440 sells for 106 percent of its 1979 list price. One leading competitor averages 87 percent of its 1979 list price. The other averages 73 percent.

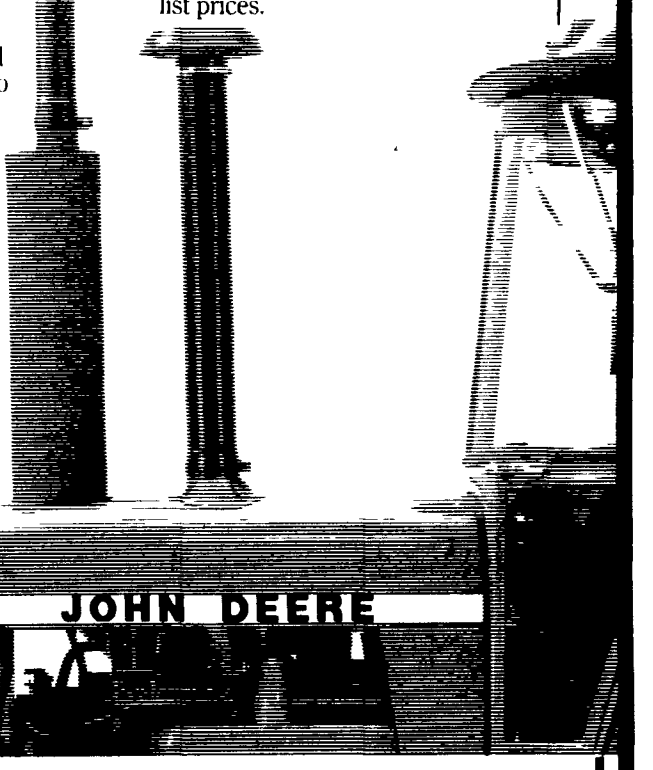
What's that mean in dollars? Add the John Deere gain on original price to the competitor's loss. The John Deere advantage is as much as $8,938!

Is this only true of one model? No. Every 40 Series 90- to 180-hp tractor has an average resale price that's higher than its new price five years ago.

Is resale your only John Deere advantage? No. Don't forget the remarkable fuel efficiency of today's 50 Series John Deere tractors. And don't forget our unmatched reputation for high quality and high reliability. See your John Deere dealer. He'll be happy to explain the big difference between a low price tractor and a low-cost John Deere. 100-hp 4050, 120-hp 4250, 140-hp 4450, 165-hp 4650 or 190 hp 4850.

NOTE: Average resale prices taken from Spring 1984 Official Guide of The National Farm and Power Equipment Dealers Association. Percentages calculated from best currently available information on 1979 list prices.

JOHN DEERE



USED TRACTORS

1 - JD 4630, Fact. Cab & Air
1 - JD 4240, Quad Range
1 - White 2-105, Fact. Cab & Air
1 - JD 2940 Hi-Lo Trans, 300 Hours
1 - JD 2010 - "As Is" Special

NO INTEREST UNTIL MARCH 1985!

LEHIGH AG EQUIPMENT

Division of Faindl's FARMS

RD #2, Wescosville, Pa. 215-398-2553
Area codes 215 & 717 - Toll Free - 1-800-322-9289
Area Codes 201 & 609 - Toll Free - 1-800-523-9323

JOHN DEERE

Summer Hours: Monday Thru Friday, 7:00 to 5:30; Saturdays 7:00 to 4:00

Pork producer

(Continued from Page B2)

lot of attention, causing volleyball games to stop and bystanders to move up close. Kent and Raelene work together, using very sharp knives to cut the meat into nice slices for sandwich making, or just eating. Raelene takes the ham portion and Kent takes the shoulder, and they work towards the center.

Once the first trays are put on the food table, the inquisitive onlookers slowly get in line, leaving Raelene and Kent to their work, carefully, but swiftly working over the carcass until there is nothing left but fat and bones. Kent says there is about 20 percent waste.

Kent and Raelene easily field questions as they work, and occasionally offer up a choice morsel, still steaming from the carcass. Raelene said the job goes faster now that they use insulated rubber gloves to work in the meat while slicing.

Raelene is a former Lancaster County Dairy Princess, and when Kent is asked if it was difficult to teach a dairy princess to carve pork, he said, "She was a good 4-H'er and learned by doing." Kent commented that they are probably improving the carving job, saying "I think we initially hacked up the carcass." Raelene adds, "We now get nicer slices."

They provide no other food with the meat, except occasionally baked beans. Raelene said they usually have the pig roast in conjunction with a covered dish picnic, so there's always plenty of food. "We eat good all summer long."

They will stuff the pig upon request, and then Raelene mixes up a traditional bread filling, puts it in a muslin sack, and places it in the cavity of the pig. As the pig roasts and turns, the juices drip over the stuffing. This, of course, prolongs, the completion time of the pig. They have also stuffed the pigs with sauerkraut, but usually that does not have mass appeal, so they don't get many requests for it.

Raelene says one reason the roast pig tastes so good to people is that "It's so moist." The moistness comes because there is a large fat layer left on the pig than on roasts found in supermarkets.

When asked how often they eat pork, Raelene laughs and says, "All the time." Both she and Kent said they never tire of the flavor of their pig roasts, and they both agree that the only seasoning it takes is a little salt. Raelene said the leftovers are delicious heated in a microwave or made into pork barbecue.

Kent is sold on the virtues of pork, and he noted that the caloric content of a serving of pork has been lowered to under 200 calories per serving. "Hogs are definitely lower in fat than they used to be. Pork is being put on some diets now." He mentioned that USDA is considering changing its grading system to be a more accurate reflection of what is actually being produced. "Producers will see the benefit of producing leaner hogs," he said about the proposed change.

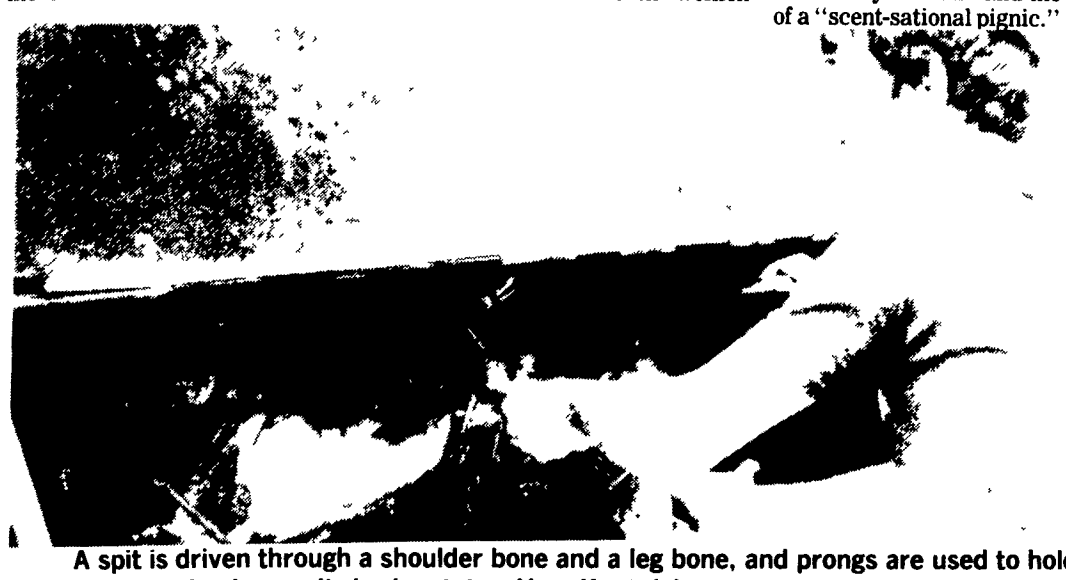
So why is pork good for you? "It's a good source of proteins, B vitamins and phosphorus," Kent quickly replies. "And it is lower in cholesterol than the dark meat of chicken." He said that pork has gotten a lot of bad press because of the cholesterol problem, adding that he believes the issue is greatly misunderstood, especially among the medical profession.

Kent said he expects to see drastic changes in the pork industry in the next 10 years. "I would like to see pork producers become more involved in selling their products. We should have an interest in marketing our product."

Kent is presently president of the South Central Pork Producers and serves on the Pennsylvania Pork Producers Council. He is also president of his Sunday School Class at First United Methodist Church in Mechanicsburg, and he and Raelene are both involved in Christian clowning. Raelene is active in a new Farm women group in Cumberland County. They have three children: Kyle, 6; Rebecca, 3; and Kurtis, 1.

The Strocks have a second roaster which they built to do boneless roasts, either beef or ham. It is a true oven, with racks which pull out, and three charcoal trays. It is on wheels, but is not yet mounted on a trailer. Occasionally they press both into service if the group is large.

They have held pig roasts for many company outings, graduation parties, church groups and wedding receptions. Any group gathering makes a good time to try the fun - and the taste - of a "scent-sational pignic."



A spit is driven through a shoulder bone and a leg bone, and prongs are used to hold the carcass in place as it slowly rotates. Here Kent tightens one set of prongs.

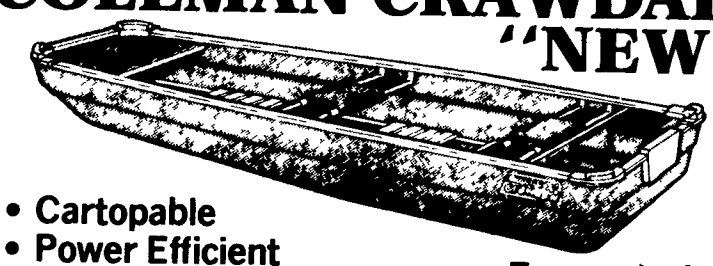
Fire, Theft, Collision, Lightning

If your farm equipment is not adequately protected against these and other threats of damage or loss, the real threat is to you. Call your nearest Old Guard agent for a free evaluation of your insurance policies

Old Guard
MUTUAL INSURANCE COMPANY
2929 Lititz Pike • P.O. Box 3010
Lancaster, Pennsylvania 17604
Phone (717) 569-5361

GLENN M. SINGLETON
Box 182 Ickesburg PA
717 438-3428
HARDING INS. AGENCY
Millville, PA
717 458-6221
ATEN INSURANCE SERVICES, INC.
17 E. Main St. Macungie PA
215-966-4080
RICHARDS INSURANCE SERVICE
203 Lincoln Way East
McConnellsburg, PA
717 485-3102

COLEMAN® CRAWDAD™ "NEW"



- Cartopable
- Power Efficient
- Built For Sporting Action
- Economical
- Built To Last

3 Sizes To Choose From

Coleman

FREE FREE FREE FREE

FREE BOAT SHOES

Good with purchase of Coleman® Canoe and Scanoe,® all models, and Crawdad,™ from August 1, 1984 through September 30, 1984.

Get all the details at Leacock Coleman Center
$52 VALUE

Coleman

LEACOCK COLEMAN CENTER
89 Old Leacock Rd., RD 1, Ronks, PA
STORE HOURS: Mon. thru Sat. - 8 to 5; Tues. & Fri. till 8:30

Five Solid Ways To Improve Your Farm:

1 UPRIGHT BUNKER SILOS
- Low cost storage
- Fast installation
- Moveable

2 MANURE PITS
- Poured in place or precast concrete
- Above or below ground
- SCS approved

3 FEED BUNK
- Long lasting reinforced pre-cast concrete
- 3 styles of H-Bunk available
- 4 styles of J-Bunk available

4 CATTLEGUARDS
- No more opening and closing gates
- 12′ and 16′ available
- Maintenance free precast concrete

5 MONOLITHIC CONCRETE SILOS
- 6″ steel reinforced solid concrete walls
- Conventional top unloading
- Oxygen controlled bottom unloading (AIDIC)

Sollenberger Silos Corp.
A Nitterhouse Company
Box N Chambersburg, PA 17201 (717) 264-9588
A Producer of Quality Concrete Products Since 1923

Sollenberger Silos Corp
Box N, Chambersburg, PA 17201

Name _____
Address _____ Co. _____
City _____ State _____ Zip _____
Phone _____ Best Time To Call _____

Please send information on
- ☐ 1 Upright Bunker Silos
- ☐ 2 Manure Pits
- ☐ 3 Feed Bunk
- ☐ 4 Cattleguards
- ☐ 5 Monolithic Concrete Silos

Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

SUMMER SQUASH ARE GOOD BUYS

Summer squash, once considered as a one-season vegetable, is now available in different varieties year round. During the summer and early fall, the largest supply of squash appears as yellow summer squash, zucchini, cocozelle, and white patty pan or scallop.

Squash - relatives of pumpkins, gourds, cucumbers, muskmelons, and watermelons - add flavor, texture, and variety to summer menus.

White bush scallop is shaped like a disc, has scalloped edges, and is a greenish white. By the time it's a pure white, the squash is too mature for good eating. The scallop is sometimes called patty pan.

Italian zucchini and cocozelle are cylinder-shaped and fairly straight. In the markets, cocozelle has more pronounced white stripes and is a little larger than zucchini. Both are dark green with light green stripes. These are often sold individually. Even if these squash are large they will be tender because they're fast growers.

Yellow summer squash is shaped like a bowling pin and may be either straight-neck or crookneck. It should be a delicate or light yellow. If deep yellow, it is too mature and likely to be tough.

All summer squash are fast growing. It takes only four to six days for a tender squash to develop. Summer squash must be picked before the skins and seeds toughen because you don't remove the seeds or peel them when you eat summer squash. That's one difference between the summer and winter varieties.

Because you eat the seeds and rind of summer squash, select ones with tender skin of good color. Squash should be heavy for its size and free from bruises. Small to medium sizes are most desirable.

When you prepare squash, cut it in thin slices or cubes. Squash contains a lot of water, so add just a small amount of water to the pan. Cook about 5 to 10 minutes or until tender. Season with salt, butter or margarine, and pepper. Check herb charts for a new spice to add, or experiment with the wealth for recipies for this versatile vegetable.

If you would like new ideas for preparing zucchini, send a self-addressed envelope to the Lancaster County Extension Office, 1383 Arcadia Road, Lancaster, PA. 17601, and ask for a free copy of Zucchini Recipes.

CHOOSING A GOOD MELON

What's the best way to choose a melon? Should you poke it, squeeze it or shake it? Any one of these methods can lead you to a sweet, juicy melon - or a tough, sour fruit.

There are no absolute formulas for choosing a good melon. But here are some helpful hints to increase your chances of success in buying cantaloupes.

Cantaloupes have three signs of full maturity:

• the steam should be gone, leaving a smooth, symmetrical, shallow basin called a "full slip." If all or part of the stem base remains or the scar is jagged or torn, the melon is not fully mature.

• the netting or veining should be thick, coarse, and corky and should stand out boldly over the surface.

• the ground color visible beneath the netting should have changed from green to yellowish-buff, yellowish gray or a pale yellow.

But remember, just because you found a mature cantaloupe doesn't mean you found a ripe one. A cantaloupe can be mature but no ripe

Look for signs of ripeness too, including a yellowish cast to the rind, a pleasant odor when you sniff it and a blossom end that yields slightly when you apply light thumb pressure to it.

Most cantaloupes in stores are ripe, but have not reached their best eating stage. Keep them for two to four days at room temperature to allow time to ripen completely. Then put them in the refrigerator to chill before serving.

Cumberland Co. plans 4-H Swine Roundup and Sale

CARLISLE — The 1984 Cumberland County 4-H Swine Roundup and Sale will be held on Tuesday, August 21, at the Carlisle Livestock Market. The Show will start at 9:30 a.m. and the Sale at 6:30 p.m.

Members will be judged on fitting and showmanship, and a champion will be selected in each age category. A grand and reserve champion market hog will also be selected. Approximately 85 hogs will be sold at auction that evening.

There are 43 members in the Central Penn 4-H Swine Club. These young 4-H'ers are "learning by doing". They gain practical experience in animal husbandry, business and economics, and also develop socially.

Anyone can buy an animal. This is an excellent opportunity to fill your freezer with quality pork. Come out to the Carlisle Livestock Market and support the Cumberland County 4-H Swine Roundup.

For more information contact Laura Watts at the Cumberland County Extension Office, 1100 Claremont Road, Carlisle, Pa. 17013. Phone - 249-7220 or 697-0371 Ext. 246.

UNCLAIMED FREIGHT CO. & LIQUIDATION SALES, INC.

Three Great Stores

STORE HOURS: Mon thru Fri 9 a.m to 9 p.m Saturday 9 a m to 5 p m CLOSED SUNDAYS

LANCASTER 3019 Hempland Rd Lancaster, PA 717-397-6241

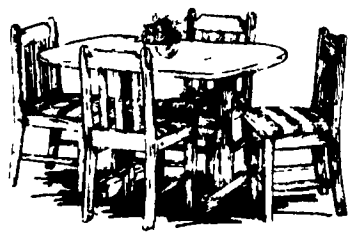
YORK 4585 West Market St York, PA 717-792-3502

CARLISLE 1880 Harrisburg Pike Carlisle, PA 717-249-5718 (Carlisle Pike)

(Almost Identical) FULL SIZE, NO BULL!
6 PC. PINE GROUP
With Party Ottoman in Antron Nylon
(129 Groups In Stock)
Same Suite in Herculon **$279.95**
Reg. Retail Price $1099.95
OUR CASH PRICE **$300.00**

20 - 3 PC. EARLY AMERICAN HERCULON PLAID SOFA - LOVESEAT - Chair Reg. Price $1,589.95
OUR PRICE **$289.95**

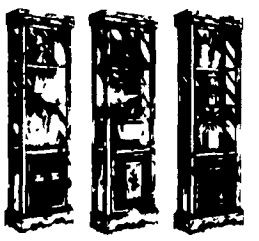
25 - SAME SUIT IN ANTRON NYLON - 3 PC.
Reg. Price $1,829.95... OUR CASH PRICE **$345.00**
JUST SOFA & CHAIR Herculon **$200.00** Nylon **$295.00**



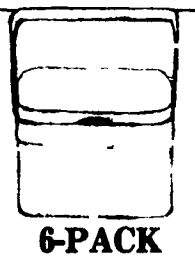
50 - PINE TABLES
With 4 Chairs
Reg. Retail Price $329.95
OUR CASH PRICE **$109.95**

60-STUDENT DESKS
With Bookcase, Hutch Combination...Lift Up Lid
72 H x 30 W x 24 D
Regular Retail Price $229.95
OUR CASH PRICE **$69.95**

No Refunds...No Exchanges...Cash & Carry
MASTERCARD... VISA... CHOICE...FINANCING CAN BE ARRANGED
NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS



180 - CURIOS
6 Styles to choose from
3 styles as shown, other 3 are hexagonal shape
all pieces 19x42x72
Liquidating for mfg.
Reg. Retail Price $349.95
OUR CASH PRICE **$139.95**



6-PACK THERMO COOLERS
with Lid Tray
Reg. Retail Price $12.99 - $13.99
OUR CASH PRICE **$6.00**

THESE DEALS ARE UNBELIEVABLE... DON'T MISS THIS OPPORTUNITY... WE GUARANTEE YOU'LL BE SATISFIED... BEST BUYS YOU WILL EVER RUN INTO!

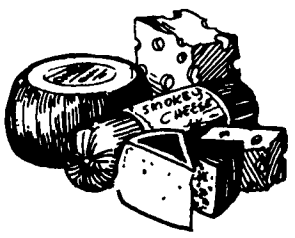
These Prices Can Not Be Beat Anywhere Because No One Else Can Buy The Way We Purchase Merchandise...

We Have Vast Quantities of Everything

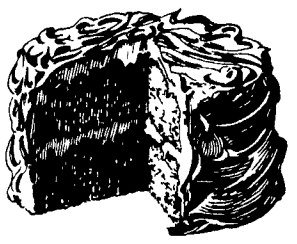
Footballs...Regular Retail price $18.95..... Our Cash price **$6.00**
150 - All Leather Baseball Gloves...
Reg. Retail Price $32.95..... Our Cash Price **$18.00**
1000 - Name Brand Basketballs - Nylon...
Reg. Retail Price $24.95..... Our Cash Price **$11.00**
Thermo Mugs... For Coffee and Cold Drinks...4 Per Pack...
Reg. Price $7.00-$8.00..... Our Cash Price **$2.50**
Thermo Blankets For Beach or Stadium, Winter or Summer...
Reversible...Reg. Price $9.88..... Our Cash Price **$2.00**
Texas Instruments Calculators... Pocket...
Reg. Retail price $13.96..... Our Cash Price **$5.00**
St. Mary Bedspreads...Reg. Retail Price $24.95..... Our Cash Price **$5.00**
100 - Victorian Brass Hall Trees...
Reg. Retail Price $99.95..... Our Cash Price **$25.00**
30 - Cocktail Table w/2 End Tables...
Reg. Retail Price $139.95..... Our Cash Price **$49.95**
Bedroom Suites...5 Pc. w/Nitestand...
Reg. Price $649.95..... Our Cash Price **$269.95-$329.95**
4 Drawer Chests...Reg. Retail Price $129.95..... Our Cash Price **$49.95**
5 Drawer Chests... Reg. Retail Price $159.95..... Our Cash Price **$65.00**
Bookcase...Walnut...Maple...Reg. Retail Price $139.95. Our Cash Price **$45.00**
Silver Plated Trays...Reg. Retail Price $14.95..... Our Cash Price **$2.50**
Bathroom Scales...Reg. Retail price $12.95..... Our Cash Price **$4.75**
Gym Bags...Reg. Retail Price $6.95..... Our Cash Price **$2.00**
Lingerie Chests...Reg. Retail Price $159.95..... Our Cash Price **$54.95**
Student Desks... Pedestal Type...
Reg. Retail Price $169.95..... Our Cash Price **$69.95**
65 - Touch-Matic Lamps...Brass...Reg. Price $129.95..... Cash Price **$39.95**
40 - 19" TV's...Color... Reg. $509.95..... Cash Price **$219.95**
28 - 13" TV's...Color...Reg. Price $389.95..... Cash Price **$190.00**
25 - 13" TV's...Color...Remote...Reg. price $469.95..... Cash Price **$279.95**

MATTRESS & FOUNDATION SETS...QUILTED 252 COIL...FULL WARRANTY
21 - Singles...Reg. Price $279.95..... Cash Price **$79.95** Set
50 - Doubles...Reg. Price $359.90..... Cash Price **$99.95** Set
15 - Queens...Reg. Price $459.95..... Cash Price **$129.95** Set
24 - 6 Gun Cabinets...Reg. price $329.95..... Cash Price **$129.95**
37 - 10 Gun Cabinets...Reg. Price $369.95..... Cash Price **$159.95**
15 - Single Mattress & Foundation...Foam...
Reg. Price $149.00..... Cash Price **$49.00** Set
15 - Full Size Mattress & Found...Foam...
Reg. Price $169.00..... Cash Price **$59.00** Set
12 - Sofa...Chair... Loveseat...Early American...
Reg. Price $1489.95..... Cash Price **$269.00**
10 - Sofa...Chair...Early American & Traditional...
Reg. Price $1029.95..... Cash Price **$189.00**
75 - 2x4 Bunk Beds Complete With Mattress...
Reg. Price $309.95..... Cash Price **$139.95**
50 - 19" Color TV's...Portable...Remote...Reg. Price $589.95 Cash price **$299.95**
600 - Recliners...All Styles...Colors...Fabrics/500 - Desks / 100 - Bentwood Hall Trees/Metal Kitchen Cabinets
LARGE ASSORTMENT OF ALL KINDS OF FURNITURE ON THE FLOOR NOW

WE BOUGHT CLOSE-OUT ON SOFT LUGGAGE
1700 - Pieces In Stock...Samsonite .Mini-Tote & Garment Bag Set
Reg Retail price $139.95..... Our Cash Price **$39.00**
Carry On Bag...Reg. Price $75.00..... Our Cash Price **$19.95**
100 - Oak Quilt Racks... Reg. Retail $79.95..... Our Cash price **$19.95**
50 - Square Victorian Plant Stands..
Green Marble Top...Close-out..... Our Cash Price **$19.95**
40 - Pedestal Plant Stands...Green Marble Top...Close-out Our Cash Price **$9.95**



Home On The Range



Salads are right for every occasion

Whether you're watching your weight or just looking for a light meal or side dish, a salad has what you are looking for. Quick and easy to prepare, they use a wide variety of ingredients, including fresh green vegetables, fruits, meats and cheeses.

August, the time when many vegetables and fruits are at their peak, is the perfect time to try a new salad. Make one of your favorites or try some our readers' selections.

WHITE FRUIT SALAD

1 cup pineapple chunks, drained
1 cup orange segments
1 cup fine coconut
1 cup dairy sour cream
1 cup miniature marshmallows

Mix all together and refrigerate overnight. Serve on lettuce. Top with maraschino cherries.

Geraldine Smith
Felton

FROZEN COLE SLAW

Mix: 1 head grated cabbage and 1 teaspoon salt. Let set for 1 hour. Then add 1 grated carrot and 1 green and 1 red pepper and dressing. Then freeze.

Dressing: 1 cup vinegar, ¼ cup water, 1 teaspoon mustard seed, 1 teaspoon celery seed, 2 cups sugar. Boil one minute and cool.

Lucille Shirk
Ephrata

HOT POTATO SALAD

5 well cooked potatoes
½ cup celery, diced
2 onions, chopped fine
2 teaspoons salt
8 slices bacon
¼ teaspoon dry mustard
3 teaspoons sugar
2 teaspoons flour
½ cup vinegar
¼ cup water
1 teaspoon finely chopped parsley
3 hard boiled eggs

Cut potatoes as small as desired; slice eggs. Put in casserole. Add celery and onions. Cook bacon slowly until lightly brown or crisp. Add bacon to potatoes. Mix mustard, sugar, flour, water, vinegar and 4 tablespoons bacon drippings and boil. Pour over potatoes. Put casserole where it will stay hot.

Anita Shirk
Ephrata

COOL LIME SALAD

2 3-ounce packages lime jello
2 cups boiling water
1 cup cold water

Mix until dissolved. Let set until thick as egg white.

1 8-ounce package cream cheese
1 small can crushed pineapple
½ pint whipping cream
1 cup nutmeat

Crumble cheese into jello. Whip cream and fold into jello mixture with nutmeats and pineapple. Let set until firm, then top with maraschino cherries.

Geraldine Smith
Felton

SEA SHELL SALAD

½ bunch broccoli
8 ounces macaroni shells
1 egg
½ cup oil
4 anchovies, optional
2 cloves garlic, minced
2 tablespoons lemon juice
1 7-ounce can tuna, drained
1 cup pitted California ripe olives, whole or halved
1 red or green pepper, cut into strips
½ cup grated Parmesan cheese

Peel broccoli stems; slice diagonally ½ inch thick. Steam stems and florets until crisp-tender. Drain; cool under cold water. Cook shells in boiling water until barely tender; drain. Break egg into blender; slowly add oil while blender is running. Add anchovies, garlic and lemon juice; blend until smooth. Toss with warm shells and remaining ingredients. Serve at room temperature in lettuce lined bowl. Makes 4 to 6 servings.

IRISH MAC SALAD

1 12-ounce can Armour Star Corned Beef, shredded
2 cups cooked elbow macaroni, chilled
1 cup dairy sour cream
¼ cup chopped green pepper
¼ cup chopped celery
2 tablespoons prepared mustard
¼ teaspoon pepper
Lettuce cups

Combine all ingredients except lettuce cups, and chill thoroughly. Serve in lettuce cups. Serves 6.

Betty Biehl
Mertztown

On a hot day these individual Frosty Fruit Salads will slide down with ease.

CONFETTI CHICKEN SALAD

2 cups cooked, diced chicken
4 cups cooked, peeled and diced potatoes
2 cups peeled, diced apples
1 cucumber, peeled if desired, and diced
1 6-ounce package frozen pea pods, cooked and drained
1 8-ounce can water chestnuts, drained and quartered
1 cup diced celery
2 tablespoons minced green pepper
2 tablespoons minced pimiento
1 cup sour cream
1 cup mayonnaise
¼ cup lemon juice
Salt and pepper
Fresh dill leaves, cut in ¼-inch lengths or 1 to 2 tablespoons prepared dill
Leaf lettuce
Hard boiled eggs

Mix together chicken, potatoes, apples, cucumber, pea pods (reserve a few for garnish), water chestnuts, celery, green pepper, pimiento, and one or two tablespoons of dill.

Blend sour cream, mayonnaise, and lemon juice together to make the dressing; season to taste with salt and pepper.

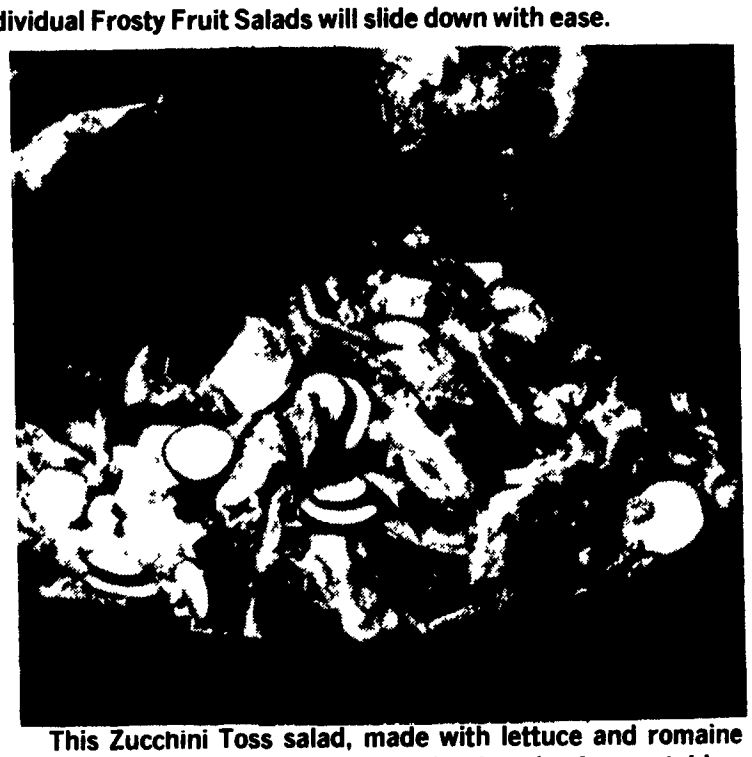
Carefully blend the salad dressing with the chicken-vegetable mixture. Line a large salad bowl with lettuce leaves and pile the salad in it. Garnish with sliced hard cooked eggs, pea pods and fresh dill.

ELEGANT SALAD

1 large tomato, coarsely chopped
½ cucumber, peeled and chopped
1 cup sliced celery
¼ cup sliced ripe olives
1½ tablespoon salad oil
¼ cup vinegar
Salt and pepper
½ teaspoon oregano
¼ cup broken walnuts
Lettuce cups

Toss together tomatoes, cucumber, celery and ripe olives. Combine salad oil, vinegar, salt and pepper and oregano in a jar or shaker. Blend well and pour over vegetables. Let marinate in refrigerator for several hours. Toss in broken walnut just before serving. Arrange marinated vegetables in lettuce cups.

Betty Biehl
Mertztown



This Zucchini Toss salad, made with lettuce and romaine and garnished with zucchini and other fresh vegetables, makes an excellent side dish.

MEAL IN A BOWL SALAD

1 can Armour Star Vienna Sausage in beef stock, drained
2 cups diced cooked potatoes
2 cups shredded lettuce
1 cup sliced carrot
½ cup sliced celery
½ cup (2 ounces) shredded Cheddar cheese
½ cup onion, chopped
4 hard cooked eggs, chopped
½ cup mayonnaise
1 teaspoon dry mustard
Salt and pepper
Dash of paprika
Lettuce cups

Combine sausage, potatoes, lettuce, carrots, celery, cheese, onion and eggs. Combine mayonnaise, mustard, salt and pepper. Pour over salad mixture and chill lightly. Serve in lettuce cups. Garnish with paprika.

Betty Biehl
Mertztown

KIDNEY BEAN SALAD

2 cups drained cooked kidney beans
¼ cup diced celery
3 chopped pickles
1 small onion, minced
2 hard cooked eggs, sliced
½ teaspoon salt
1/8 teaspoon pepper
¼ cup mayonnaise

Mix lightly and chill.

Monema Raines
Gillett

(Turn to Page B8)

Featured Recipe

This week's featured recipe comes from Elaine Cook of Chester County. Elaine was recently elected the first woman Master of her Pomona Grange. A lifetime granger, Elaine enjoys both cooking and sewing.

The following recipe for potato salad dressing is one that has been passed down from her grandmother. Elaine has had it published in the Bicentennial Grange Cookbook. To learn more about Elaine and her Grange activities, see the story featuring her in this section.

Potato Salad Dressing

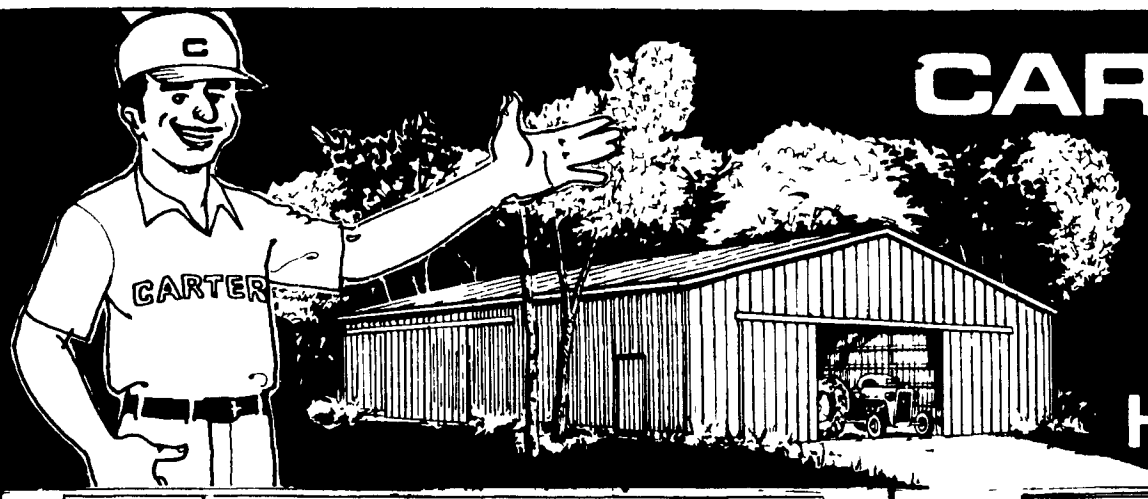
Put about 3 heaping tablespoons flour in a pan. Add 1 unbeaten egg, butter the size of a walnut, ½ teaspoon salt, a heaping tablespoon sugar, 2 tablespoons mustard, a little pepper and about 1 cup milk or more. (This mixture can be beaten with an egg beater before cooking.) Cook over medium heat, stirring constantly until thick.

Remove from stove and add a little vinegar. Add salt to taste. Pour over potatoes (2 to 3 pounds) while they are still warm. Elaine said she adds celery and onion to her salad and garnishes it with green pepper slices.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. You can send your recipes to Sue Keene at Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

August	
25	Peach Recipes
September	
1	Lunchbox Treats
8	Pies



CARTER Lumber

Your POLE BUILDING MATERIALS HEADQUARTERS

DIMENSION LUMBER
ASSOCIATION GRADE STAMP

	8'	10'	12'	14'	16'	18'	20'
2"x4"	1.49	1.87	2.21	2.56	3.03	3.48	3.87
2"x6"	2.24	2.80	3.36	3.92	4.48	5.22	5.80
2"x8"	3.04	3.80	4.56	5.32	6.08	7.08	7.87
2"x10"	4.07	5.08	6.10	7.12	8.13	9.45	10.50
2"x12"	6.00	7.50	9.00	10.50	12.00	13.86	15.40

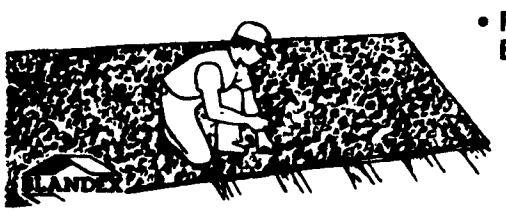
SQUARE BARN POLES
Pressure Treated

	10'	12'	14'	16'	18'	20'	22'	24'
4"x4"	6.59	7.69	8.45	10.39	—	—	—	—
4"x6"	10.49	11.99	13.99	16.79	19.59	22.99	—	—
6"x6"	15.79	18.79	21.65	25.69	30.59	35.95	41.65	47.29

2x6 Center Match Treated Boards

8'	10'	12'	14'	16'
3.69	4.39	6.05	6.89	8.35

ALL-PURPOSE WAFERBOARD SHEATHING



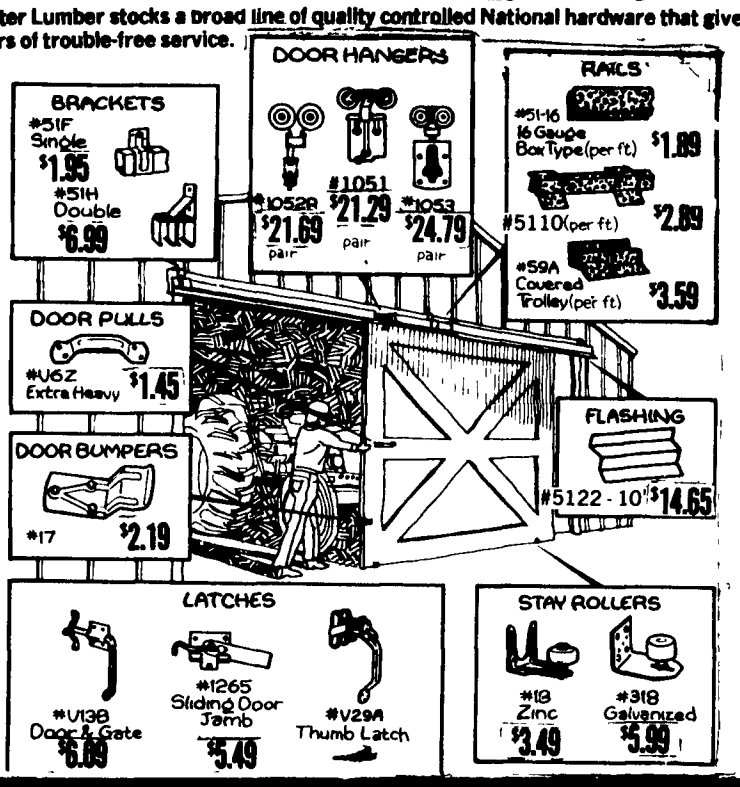
- For Interior and Exterior Use.

7/16" x 4' x 8' SHEET...

$5.75

BARN DOOR HARDWARE

Carter Lumber stocks a broad line of quality controlled National hardware that gives years of trouble-free service.



FABRAL CORPORATION METAL ROOFING & SIDING

Custom Lengths Available at No Extra Charge

	GRAND RIB III PAINTED STEEL Width 36" Net	1¼" 29 GAUGE CORRUGATED GALVANIZED Width 24" Net	STRONG RIB ALUMINUM Width 36" Net	GRAND RIB III GALVANIZED STEEL Width 36" Net
7'	—	5.54	—	8.26
8'	12.71	6.33	11.20	9.44
9'	—	7.12	—	10.62
10'	15.89	7.91	14.00	11.80
11'	—	—	—	12.98
12'	19.06	9.49	16.80	14.16
14'	22.24	11.07	19.60	16.52
16'	25.41	—	22.40	18.88
18'	—	—	25.20	—
20'	—	—	28.00	—

Onduline®

The Lifetime Roofing 6'7" x 46"

- Easy to install
- New lifetime limited warranty

$8.75 Per Sheet

6 Smooth Stock Colors

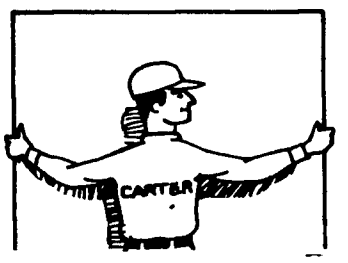
BLACK BROWN RED
GREEN SILVER WHITE

$35.00 Per Square

4'x8' PLYWOOD
ASSOCIATION GRADE STAMP

	¼"	⅜"	½"	⅝"	¾"
GIS EXTERIOR YP	—	9.99	12.35	14.75	16.85
CC EXTERIOR	—	7.39	7.59	11.39	13.49

Celotex Tuff-R SHEATHING ©



½"x4'x8' R-3.6	$6.49
¾"x4'x8' R-5.4	$7.89
1"x4'x8' R-7.2	$10.45

S4S YP PRESSURE TREATED
Ask for Carter's Current Low, Low Prices

	8'	10'	12'	14'	16'
2"x4"	1.99	2.59	3.19	3.79	4.65
2"x6"	3.15	3.69	5.19	5.55	6.99
2"x8"	4.35	5.39	7.59	8.05	9.19
2"x10"	5.09	6.99	10.09	11.75	13.45

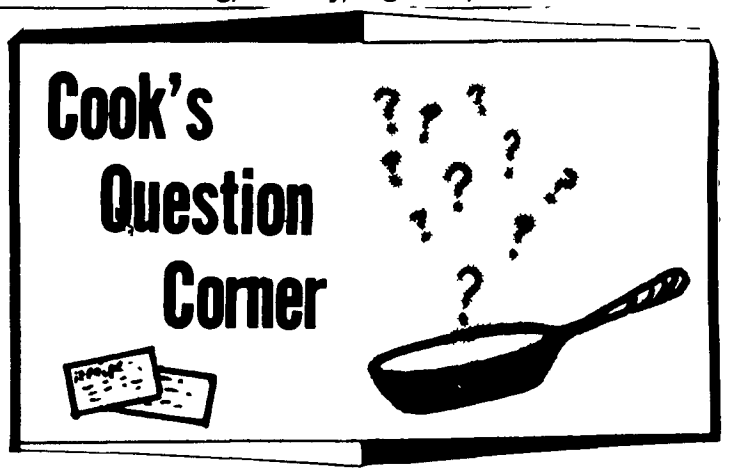
OPEN DAILY 7 30 to 7 00
SAT 7 30 to 5 00

6 DAYS A WEEK DELIVERY AVAILABLE

LANCASTER, PA.	ELIZABETHTOWN, PA.	CARLISLE, PA.	CHAMBERSBURG, PA.	NORTHUMBERLAND, PA.	HARRISBURG, PA.
2271 Old Phila. Pike, Rt. 340 East	Rt. 230 East	1840 Harrisburg Pike, US 11	2155 Wayne Road, Rt. 316 East	RD 1, US 11 North	7365 Allentown Blvd.
717-397-4829	717-367-1886	717-245-0404	717-263-0822	717-473-8311	717-545-4941

All Items Shown May Not Be In stock At All Locations

CARTER 1984



QUESTION - Mrs. Carol Kernard, Elizabethtown, would like a recipe for a homemade baking mix such as Bisquick.

QUESTION - Arnold Jo Daly, Crownsville, Md., would like recipes for apple strudel, especially the strudel dough, very flaky pie crusts, real Italian spaghetti sauce with meat in the sauce, and chili con carne with beans, ground meat and garlic.

QUESTION - Eileen J. Tarpy, Deptford, N.J., is looking for a quick and easy cream of broccoli soup. She prefers one without cheese, but will take any recipes you share.

ANSWER - Grace Ikeler, Bloomsburg, requested a recipe for zucchini cake. Thanks go to Anna Ruth Musser, Lebanon, who shared her recipe.

Chocolate Zucchini Cake

½ cup soft margarine
½ cup vegetable oil
1¾ cups sugar
2 eggs
1 teaspoon vanilla
½ cup sour milk
2½ cups unsifted flour
4 tablespoons cocoa
1 teaspoon baking soda
½ teaspoon baking powder
½ teaspoon cinnamon, optional
½ teaspoon ground cloves optional
2 cups shredded zucchini

Cream margarine, oil and sugar. Add eggs, vanilla and sour milk. (To make sour milk add 1 teaspoon of lemon juice or vinegar to ½ cup milk. Let stand five minutes before using.) Mix all dry ingredients together and add to creamed mixture and mix well with mixer. Stir in zucchini. Sprinkle with chocolate chips before baking. Bake in 9x12-inch pan at 350° F. for 40-45 minutes. Needs no frosting.

ANSWER - Judy Stayman, Chambersburg, requested a recipe for canned spaghetti sauce. Thanks go to Alice Rhoad, Grantville, for sending her recipe and to all the others who sent their recipes.

Spaghetti Sauce

20 large tomatoes
3 large carrots
1 tablespoon salt
1 teaspoon black pepper
1 tablespoon garlic powder
1 medium green pepper
2 tablespoons parsley flakes
1 tablespoon oregano
¾ cup sugar
1 12-ounce can tomato paste
3 large onions

Wash, core and chop tomatoes in quarters. Grate carrots, pepper and onions. Add spices. Cook for 20 minutes after mixture starts to boil. Add 12-ouncee can tomato paste. Mix and let stand 10 minutes. Put mixture in blender at high speed for 20 seconds. Cook again until boiling. Jar and seal. Note: you do not need to peel tomatoes. The blender takes care of that.

ANSWER - Ginny Atkinson, Bridgeton, N.J. requested recipes using squash. Thanks go to Pauline Shirk and Alice Rhoad, Grantville, for sharing their recipes.

Zucchini Squash Cake

1 cup oil
3 cups flour
2 cups sugar
2 cups peeled, drained zucchini squash, mashed
½ cup raisins
3 eggs
1 teaspoon soda
1 teaspoon baking soda
1 teaspoon salt
2 teaspoons vanilla
Nuts, optional

Cream oil and sugar together, creaming until light and fluffy. Blend in eggs. Sift together dry ingredients. Add dry ingredients alternately with zucchini. Stir in nuts and raisins. Bake in 2 greased 9-inch layer pans at 350° F. for about 30 minutes.

Squash with Herb Dressing

1 package herb dressing
½ cup butter.

Mix and put ½ of this in bottom of casserole. Cook 6 cups diced squash for 5 minutes and add ½ cup chopped onion, 1 small container sour cream, 1 can cream of chicken soup and ¾ cup grated cheese or carrots.

Put in casserole and top with remainder of herb dressing. Cover with grated cheese and bake at 350° F. for 30 minutes.

QUESTION - Mrs. Gordon P. burgett, Newville, requested a recipe for corn fritters. Thanks go to Lydia Stoltzfus, Strasburg, for sharing her recipe.

Corn Fritters

1 pint creamed corn
2 eggs
1 cup flour
1 teaspoon baking powder
½ teaspoon salt
Little pepper

Combine all ingredients and mix well. Drop by tablespoons and fry in deep fat until golden brown.

CORRECTION - Bertha Ocker's recipe for Sweet Gherkins pickles appeared in the August 4 issue. To clarify some questions about her recipe, she sent in a revision of the first part of the directions. Below is the revised recipe.

Sweet Gherkins

7 pounds of 1½ to 3 inch cucumbers
½ cup salt
8 cups sugar
6 cups vinegar
¾ teaspoons tumeric
2 teaspoons celery seed
2 teaspoons mixed pickling spice
8 1-inch pieces stick cinnamon

First morning: Wash cucumbers thoroughly, put in pot and cover with water. Bring to a good boil and remove from heat. Six to eight hours later, drain and cover with fresh boiling water.

Second morning: Drain and cover with fresh boiling water. That afternoon drain and add salt and cover with fresh boiling water. Optional: Add a few drops of green food coloring to last syrup boiling to make a nice green color.

Third day: Drain and prick cucumbers in several places with fork. Make syrup of 2½ cups sugar and 2½ cups vinegar. Add tumeric and spices. Heat to boiling and pour over cucumbers. This syrup will only partly cover at this time. That afternoon, drain syrup in pot and add 2 cups sugar, 2 cups vinegar and cinnamon. Heat till boiling and pour over pickles.

Fourth day: That morning, drain syrup into pan and add 2 cups sugar and 1 cup vinegar to syrup. Heat till boiling and pour over pickles. That afternoon, drain syrup into pan and add last 1 cup sugar to syrup. Heat till boiling. Pack pickles into clean jars and cover with boiling syrup to ½ inch from top of jar. Process 5 minutes in boiling water bath.

Salads

(Continued from Page B6)

ZUCCHINI TOSS

1 head lettuce, washed and chilled
1 small head romaine, washed and chilled
¼ cup olive oil or salad oil
2 medium zucchini, thinly sliced
1 cup sliced radishes
3 green onions, sliced
3 tablespoons crumbled blue cheese
2 tablespoons tarragon or wine vinegar
¾ teaspoon salt
1 small clove garlic, crushed
Generous dash freshly ground pepper

Into large salad bowl, tear greens into bite-size pieces (about 10 cups). Toss with oil until leaves glisten. Add zucchini, radishes, onions and cheese. Combine vinegar, salt, garlic and pepper; pour over salad and toss.

SALAD

1 head cauliflower, grated
1 head lettuce, torn up
1 chopped onion
1 pound bacon, fried
6 hard boiled eggs, chopped
½ cup grated cheese

Dressing

½ cup sugar
1¾ cups salad dressing
3 tablespoons vinegar.

Mix and pour in and let soak in overnight.

Anna Ruth Musser
Lebanon

(Turn to Page B9)

US TOO!

WHEN YOU SEE THIS
CENTRAL TRACTOR FARM & FAMILY CENTER

YOU CAN ALSO THINK THIS
WEAVERS HARDWARE CO.

WE ARE A DISTRIBUTOR OF Central Tractor Farm & Family Center, Inc.

THEREFORE:

- **In most cases when Central Tractor Farm & Family Center has a sale, We have the *SAME* Sale on the *SAME* Dates.**
- **We have FULL access to all New and Used Tractor Parts available at Central Tractor Farm & Family Center**
- **We stock nearly as many items as the Central Tractor Farm & Family Center stores**

We are an independently-owned store. We have items that Central Tractor Farm & Family Center does not stock.
We have a complete line of Hardware, Plumbing, Lawn & Garden, Housewares, and many hard-to-find items long discontinued by other stores.

IF WE DON'T HAVE IT .....WE WILL TRY TO GET IT FOR YOU

DISTRIBUTOR OF CENTRAL TRACTOR FARM & FAMILY CENTER

WEAVER'S HARDWARE CO.

R.D. 4125 FLEETWOOD, PA. 19522
(on main road from Fleetwood to Topton)

215-944-7681

Salads

(Continued from Page B8)

GARDEN BOWL

3 cups broken mixed greens (lettuce)
2 medium tomatoes, wedged
½ medium cucumber, sliced
6 radishes, sliced
1 avocado, peeled and sliced
Parsley dressing

Place greens in salad bowl. Toss with tomato, cucumber, radishes and avocado. Add enough parsley dressing to moisten and toss lightly again. Serves 6

PARSLEY DRESSING

⅓ cup sugar
¼ cup vinegar
½ cup salad oil
½ cup catsup
1 teaspoon paprika
Salt
2 tablespoons minced parsley

Place all ingredients in a jar or shaker and blend well.

Betty Biehl
Mertztown

FROSTY FRUIT SALAD

1 8-ounce pachage Neufchatel cheese, softened
1 cup dairy sour cream
¼ cup sugar
¼ teaspoon salt
1 17-ounce can apricot halves, drained and halved
1 8¾-ounce can crushed pineapple, drained
1 16-ounce can pitted dark sweet cherries, drained
1 cup miniature marshmallows
Crisp greens or watercress

In large mixer bowl, beat cheese until smooth. Blend in sour cream, sugar and salt on low speed. Stir in fruit and marshmallows. Pour into 6 to 8 individual molds or into 4½-cup mold. Freeze at least 8 hours. Ten minutes before serving, unmold on crisp greens.

CORRECTION - A recipe for Jumbo Oatmeal Peanut Butter Cookies appeared in last week's Home on the Range. The amount of granulated sugar for those cookies was printed incorrectly and the peanut butter omited. Below is the corrected recipe.

JUMBO OATMEAL PEANUT BUTTER COOKIES

¾ cup butter
½ cup peanut butter
1 cup sugar
1 cup brown sugar, packed
2 eggs
¼ cup milk
1 teaspoon vanilla
2 cups sifted flour
1 teaspoon baking soda
1 teaspoon salt
1 teaspoon ground cinnamon
1½ cups quick cooking oats
1 cup raisins or chocolate chips

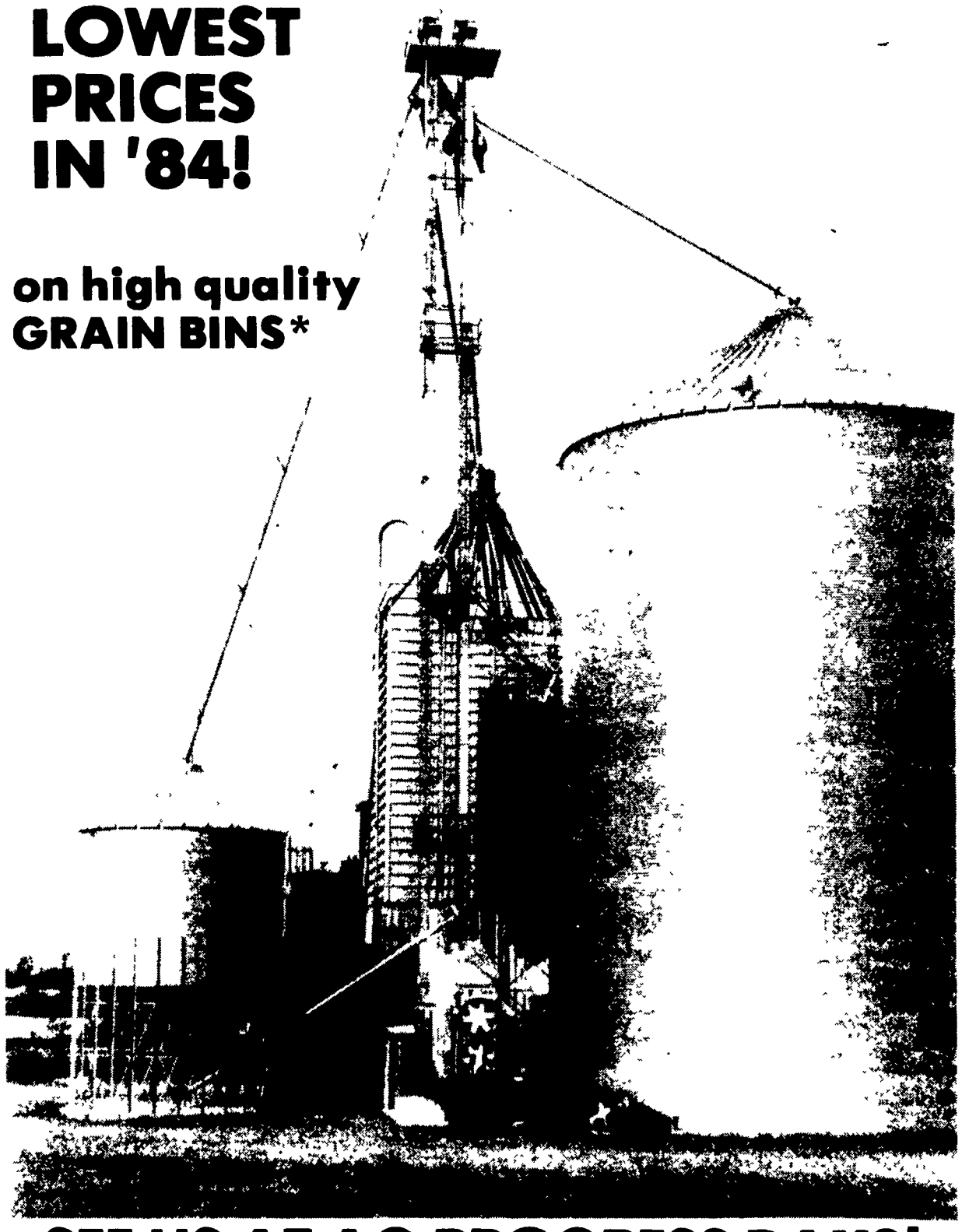
Cream together butter, peanut butter and sugar until smooth and creamy. Add egg, milk and vanilla. Blend well.

Sift together flour, baking soda, salt and cinnamon. Stir into creamed mixture. Blend in oats and raisins. Drop by tablespoonfuls onto greased baking sheets about 2 inches apart. Bake in 350°F. oven for 15 minutes or until done. Makes 36 3-inch cookies.

B. Reed
Punxsutawaney

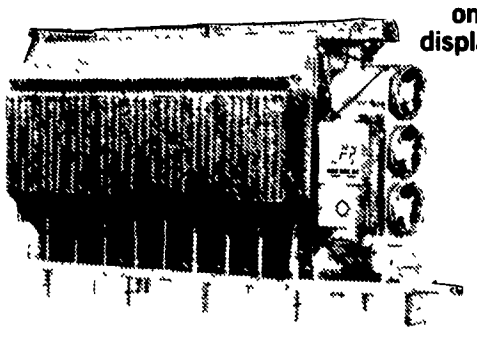
LOWEST PRICES IN '84!

on high quality GRAIN BINS*



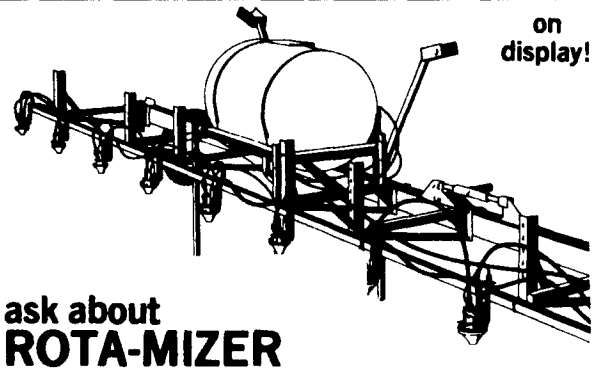
SEE US AT AG PROGRESS DAYS!

* AND! Service is part of the deal! It's not just a "you-bought-it-you-worry-with it" situation when you select a Tam Systems grain bin. We analyze your needs and consider your budget. And on your site, Tam System's crews work diligently to maintain top operating conditions whether its simply a bin or an entire grain handling system. We have a great selection of bins in stock ready to erect on your site at fantastic savings. Don't miss us at the show!



on display!

SEE THE FARM FANS ENERGY SAVING DRYER!
Continuous Flow grain drying with the flip of a switch!



on display!

ask about ROTA-MIZER
The revolutionary new concept in spraying.. The difference is control!

Look For Us Located On East 5th St.

TAM Systems Corp. (717) 432-9738

for more information, write to us at
R.D. 1 Mountain Rd., Dillsburg, Pa. 17019
or PHONE: 717-432-9738

HOULE • Liquid Manure Pumps • ELECTROMIX • Barn Cleaner Chains
WIC • Bedding Choppers • Silage Carts • Manure Tanks
US AGRI-SYSTEMS 800-222-2948 (301-398-2948) local • Free Stalls • Self-Locking Panels • Comfort Stalls • Gutter Grates
Available From
HISTANDS FARM & HOME
(717) 744-2371
Also See Ad On Pages B24 & 25

1934 ZOOK MOLASSES CO. 50 Years Of Service Honey Brook, Pa. 1984

GOLDEN BARREL PRODUCTS

Household Molasses, Syrup And Edible Oil

★ BAKING MOLASSES
★ BARBADOS MOLASSES
★ BLACK STRAP MOLASSES
★ PANCAKE SYRUP
★ CORN SYRUP
★ SORGHUM SYRUP
★ TABLE SYRUP
★ HONEY
★ COCONUT OIL
★ CORN OIL
★ SOYBEAN OIL
★ PEANUT OIL
★ SHOO-FLY PIE MIX

If your local store does not have it, contact:

GOOD FOOD INC.
(Food Division Of Zook Molasses Co.)
West Main St., Box 160
Honey Brook, PA 19344
Phone: 215-273-3776 or 717-393-3967
Call toll free in PA: 800-662-7464

Kid's Korner

Honest forgers help revive blacksmithing as art form

DE PERE, Wis. — David A. Ponsler, 23, of Jacksonville, Fla., watched carefully as Francis Whitaker, 77, a master blacksmith from Aspen, Colo., bent a piece of steel around a bar into a gentle curve.

"Work from the bottom up, not from the top down," Whitaker told Ponsler. "You do it easier that way."

All day, day after day, Whitaker had little bits of guidance for Ponsler and about a dozen fellow smiths chosen to participate in Whitaker's master class. The common thread to all the advice was a basic message he offered Ponsler: "Don't rush it. Take your time."

An Unhurried Art

There is no way a blacksmith can hurry. There are few ways to speed up the process. That is one of the charms of blacksmithing as practiced here at the conference of the Artist Blacksmith Association of North America.

Whether a smith is making an item as simple as a coathook, or as complex as the huge gates under construction by Whitaker's class and destined for the National Ornamental Metals Museum in Memphis, it is slow, painstaking work, done primarily by hand.

The common wisdom is that blacksmithing is dying out, that there is no more need for hand-forged work in these days of automated farms and the post-industrial economy, where robots and machines can mass-produce items in no time. The evidence of the conference suggests that the common wisdom is wrong. Blacksmithing is surging back.

Some 700 persons attended the conference, most of them working smiths. They came from at least 36 states, from seven Canadian provinces, from England, France, Germany, Israel, and Czechoslovakia.

They were varied in experience, from the youthful crowd that packed demonstrations on basic forging techniques to masters like Whitaker, who has been a smith for 62 years, and England's Antony Robinson, who recently designed and crafted a mammoth set of stainless steel gates for the Great Hall of Winchester.

They ranged from old-time country smiths like Jud Nelson, 73, of Sugar Valley, Ga., showing how to make wagon wheels and fireplace pokers, to Dorothy Stiegler of Rochester, Wash., one of a handful of women smiths, who attended the films, lectures, demonstrations, and discussions with her 10-month-old daughter.

They included Joseph Polocz, 63, of Philadelphia, whose Hungarian father had been a blacksmith, but who turned away from the family trade as a youth "because it was bloody hard work." About 10 years ago, he saw a young smith at work, thought, "My God, I can do this with my eyes closed," and has been smithing as a hobby ever since.

Youthful Artisans

And they included young artisans like Tom Joyce, 27, of Santa Fe, N.M., who has been smithing for a living since he was 20 and is now recognized as one of the most articulate and creative of the new generation of smiths, a slightly built young man who seems to shape a piece of red-hot solid steel into a floral shape with only a few blows.

Young David Ponsler is in this category. He grew up in his father's metal shop, and began working over a forge when he was 12 or 13. He creates metal sculpture as well as doing more traditional ornamental work, and is interested in expanding his techniques.

"In Jacksonville, I'm alone in my work," Ponsler said. "To be around others like Whitaker is to learn a great deal."

Not long ago, the idea that anyone Ponsler's age would want to learn from someone of Whitaker's generation would have seemed laughable. Jack Brubaker of Nashville, Ind., president of the blacksmith's association, said that blacksmithing as a profitable business died in the 1920s and by the 1950s and early 1960s it was practiced by only a small, dedicated group of aging craftsmen whose number was dwindling.

"Those few who remained in it had a very steady, reliable local business," Brubaker said. "As long as a man's there, a dependable man that neighbors know, they'll come to him. But once a farmer can't go to a blacksmith to sharpen his plow blades, he'll go to town and buy a plow with throwaway blades."

Book is the Key

The turning point was a book by Alex W. Bealer of suburban Atlanta. In "The Art of Blacksmithing," published in 1968, he paid homage to the dying craft and passed on some of its techniques.

To Bealer's amazement, he began to get calls and letters from aspiring young smiths, telling him that his book was just what they had been seeking for blacksmithing tips, or that it had

(Turn to Page B12)

Wearing headphones to drown out the din, Antony Robinson of Great Britain shapes a super-hot piece of stainless steel into part of a sculptural work. Robinson demonstrated his techniques at a conference of the Artist Blacksmith Association of North America in De Pere, Wis.

COLOR THIS!

1.	BLACK	6.	ORANGE
2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

BADGERS LIVE IN WOODS AND GRASSLANDS OF WESTERN NORTH AMERICA. THEY CAN DIG SO RAPIDLY IT LOOKS LIKE THEY ARE MELTING OUT OF SIGHT. THE BADGER HAS SHORT STRONG LEGS, THEY WADDLE FROM SIDE TO SIDE WHEN THEY WALK, AND LOOK CLUMSY WHEN THEY RUN. THE HAIR OF A BADGER IS USED FOR ARTISTS BRUSHES.

TRACTOR SUPPLY CO. TSC FARM·HOME·AUTO SINCE '38

AUGUST SALE DAYS

SALE PRICES EFFECTIVE THRU AUG. 25

MOBIL SUPER 10W40 OIL REBATE!

SAVE $1.50 ON THE PURCHASE OF 5 QTS.

TSC SALE PER QT. 79¢
MFG. REBATE - 30¢
PER QT. AFTER REBATE 49¢

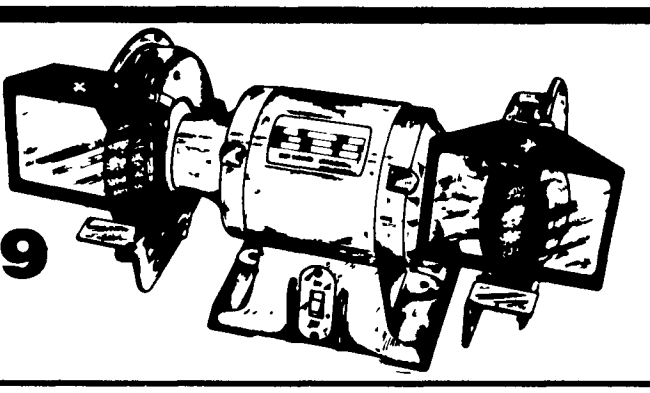
Limit One Rebate Per Household

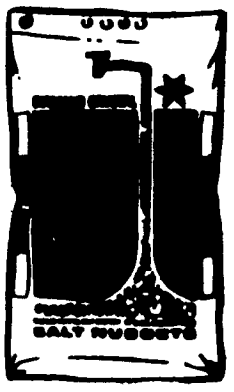
6" BENCH GRINDER

- ½ HP Motor
- Safety Eye Shields
- UL Approved

38-93101

39.99





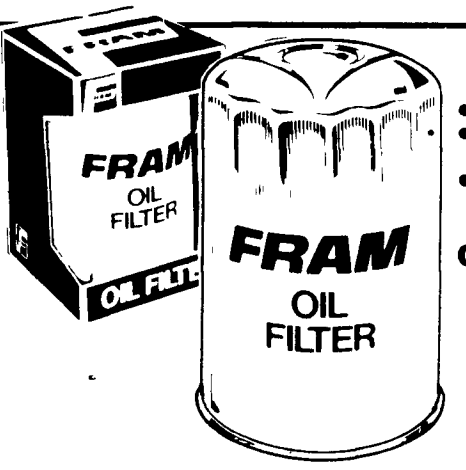
WATER SOFTENER SALT

- Produces An Ideal Brine For Regenerating All Types Of Water Softeners
- Won't Channel, Cake Or Bridge

3.19 50 lb. Bag

2.99 10 Bags or More

BRANDS MAY VARY BY LOCATION



FRAM OIL FILTERS

- The Ultimate In Engine Protection
- Available For Most Domestic Cars & Light Trucks
- Quality Filters To Protect Your Farm Equipment

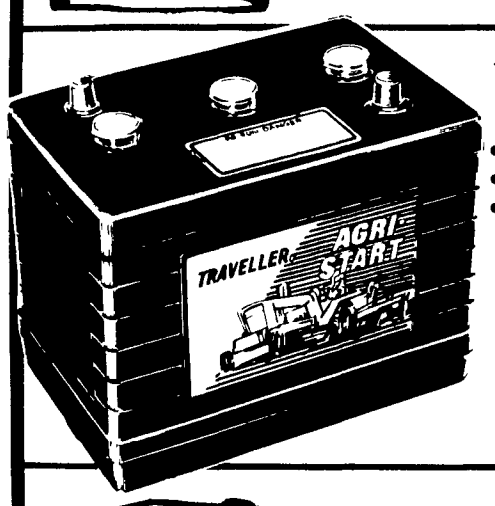
CAR FILTERS YOUR CHOICE 2.69

TRACTOR FILTERS AS LOW AS 2.39 CH-335PL

EXAMPLES:

SALE PRICES DO NOT APPLY TO SPECIAL ORDER FILTERS

FRAM #	SALE	FRAM #	SALE
C-3	2.49	C-159	3.39
C-135	2.69	CH-335PL	2.39
C-136A	3.99	PH-7	3.19
C-139PL	2.49	PH-47	7.29



HEAVY DUTY FARM BATTERY

- Designed For Heavy Duty Farm Use
- Thicker Plates Resist Vibration
- 585 AMP, 6 VOLT

4-70506

3 YEAR LIMITED WARRANTY

GRP 1 37.99 With Trade-In

Other Sizes Available

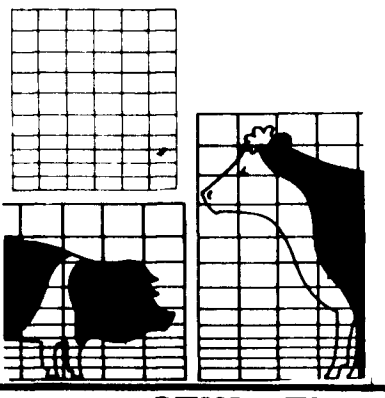
FEED LOT PANELS

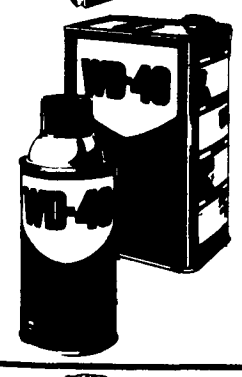
- Heavy Duty ¼" Rod
- Galvanized Provides Resistance To Corrosion

34"x 16' HOG PANELS 38-10325 14.19

52"x 16' COMBINATION PANELS 38-10341 17.49

52"x 16' CATTLE PANEL 38-26536 15.99

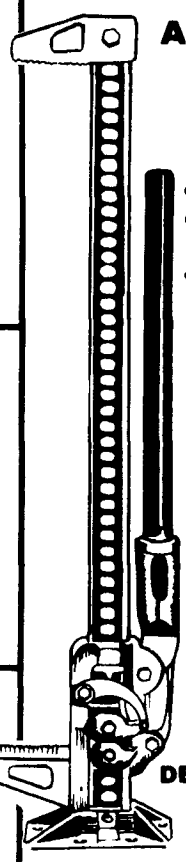




WD-40

1.39 9 OZ.

9.88 GAL.



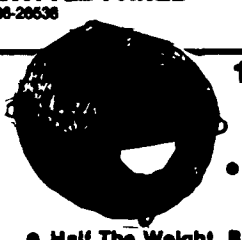
ALL PURPOSE HIGH LIFT JACK

- 3½ Ton Capacity
- Lift Range From 4" To Over 3'
- Use For Lifting, Stretching, Clamping, Spreading, Hoisting, Etc.

1-16291

DELUXE CAST IRON JACK

34.99



15 GA. 4 PT. BARB WIRE

- Made From Higher Carbon, High-Tensile Steel
- Half The Weight, But Just As Strong As Any Conventional Barb
- Reverse Twist Allows Ease In Handling 38-15333

21.99

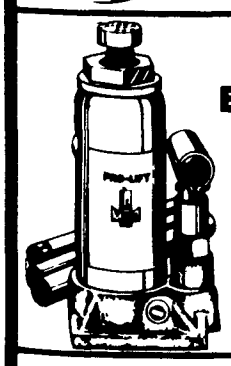
STUDDED "T" POST

- Heavy Enamel Finish—Resists Rust

5½' 2.25

6' 2.39

6½' 2.55

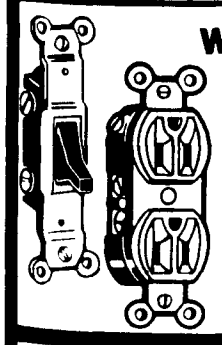


MVP 12 TON BOTTLE JACK

- Cleated Steel Saddle Prevents Slipping
- Adjustable Extension Screw

1 16461

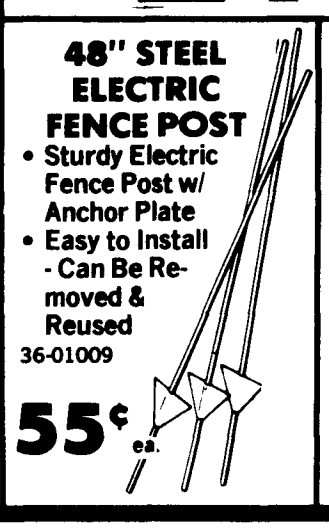
27.99



WALL SWITCHES & OUTLETS

- Your Choice Of Brown Or Ivory

59¢ EA.

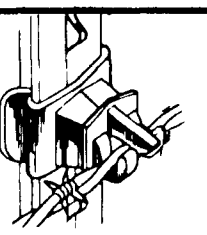


48" STEEL ELECTRIC FENCE POST

- Sturdy Electric Fence Post w/ Anchor Plate
- Easy to Install - Can Be Removed & Reused

36-01009

55¢ ea.



T-POST INSULATOR

- Fits "T" Posts From 1¼" to 1 3/8"
- Snap On & Off
- Fast, Easy Installation

36-00477

1.89 Bag of 25

MULTI-PURPOSE LITHIUM GREASE CARTRIDGE

- High Quality
- 14½ Oz. Tube
- Fits All Standard Cartridge Grease Guns

69¢ ea.

35 LB. LITHIUM GREASE PAIL 19.99

PENNSYLVANIA, CARLISLE, 1188 Spring Rd , formerly Arnold Motors, 717-245-2334, Mon-Thurs 8-6, Fri 8-9, Sat 8-5
LANCASTER, Rt 896 South of Rt 30 E, Hartman Bridge Road, 717-687 7642-3 Mon-Thurs 8-6, Fri 8-9, Sat 8-5
LEBANON, 720 Quentin Road, 717-274-2106, Mon-Thurs 8-6, Fri 8-9, Sat 8-5
York, 2400 West Market St , 717-792-3676, Mon-Thurs 8-6, Fri 8-9, Sat 8-5
MARYLAND, WESTMINSTER, 119 Railroad Ave , 27 East Manchester Rd 301-848-2060, Mon-Thurs 8-6, Fri 8-8, Sat 8-5

On being a farm wife - And other hazards

Joyce Bupp

On and on it goes, this continuing flap about a national beauty pageant winner and the magazine that is raking in millions off the public penchant for peeping.

Personally, I haven't seen that renowned "skin" publication issue - and certainly won't bother going out of my way to look for one.

Already we have more "girl" magazines rolling in through the mail each month faster than anyone can keep up with the printed pages of each issue's featured beauties.

Thick and glossy, every issue is chock full of layouts featuring attractive females shown in head-to-heel living color. Each is carefully posed to emphasize her most charming physical attributes.

Should it be considered an indignity that the farmer so frequently buries his attention into these printed pages?

One recent issue, for instance, came complete with a fold-out extra-page, full-color centerfold, and included such phrases as "cover girls," "supurb individuals," "stylish and well-grown," "tall and angular," with "long, wide rumps."

Oh sure, each and every issue carries numerous informative articles on such diverse topics as health, investments, travelogues and computer up-dates.

Face it though. Those pictures still command the most immediate attention.

Long ago, I gave up any hope of ever weaning him away from his intense addiction to these subscriptions that focus so intently on female figures.

They go along to meals, the barn office, on vacation, to shows, sales, and conventions. Stacks of these magazines pile up all over the house.

It came to the point of "If you can't lick 'em, join 'em.

And that's why you'll find our whole family fighting for the latest issue of the Holstein purebred cattle breed publications.

Franklin County 4-H Shepherds

The Franklin County 4-H Shepherds recently completed the required project tour to inspect and grade all club members' barns and market lambs.

The club went in two groups, with extension agent William Reagan doing the grading for the northern half of the county and club leader Elizabeth Keener grading the projects in the southern part of Franklin County. All market lambs were ear tagged at that time.

The club met for a picnic lunch at Caledonia State Park, Fayetteville, and spent the afternoon swimming in the park pool. Earlier, the club had a fitting and showing clinic at the home of David and Christiana Keener, which was conducted by John and Diane Conaway, Newville.

The Conaways showed the proper way to prepare a lamb for competition and how to show the lamb in the show ring. Following the clinic, members were joined by their families for a picnic supper and outdoor lawn games.

Blacksmithing

(Continued from Page B10)

inspired them to take up the craft they now loved.

In 1973, Bealer invited about 25 enthusiasts to his home. There they formed the Artist Blacksmith Association and scheduled their first conference for the next year.

In 1974, the group had about 200 members. By 1980 there were 1,260. By the time of this year's conference, on the grounds of St. Norbert's College, membership stood at 2,400 and was still climbing.

The phenomenon apparently is international. Richard Quillen of suburban London attended the 1976 conference and became inspired to form the British Artist Blacksmith Association. That group now has more than 200 members, several of whom attended this year's U.S. conference.

A survey of the American association's membership earlier this year disclosed that more than half did their smithing purely for enjoyment. Most of the rest earned at least part of their income by selling their work, and 202 of the 1,500 participants in the survey worked at it full time.

The growth in numbers has led to the formation of many local and reg[illegible]oups: the Blacksmiths Guild of the Potomac, Southern Ohio Forge and Anvil, Blac[illegible] of Missouri, and the like. There also has been a spurt in blacksmithing books, and courses on techniques are offered at some universities.

What's the Appeal?

What is the appeal of this venerable craft? Many attending the conference echoed Whitaker, who said, "It's a turning-away from mass-produced junk, toward something creative."

Whitaker should know. At age 15, he began to study with Samuel Yellin of Philadelphia, widely acknowledged to be the greatest 20th-century smith. Yellin's workshop had as many as 200 students at one time, before the Depression destroyed the ornamental iron market.

Now Whitaker, who worked for 35 years in Carmel, Calif., before moving to Aspen in 1962, is semi-retired. He has been teaching workshops for nine years, and says quality has improved "tremendously."

Badger - Here
Badger - There
Badger - Where?
Cecil
Dairy Service
That's where the best deals are made!
Badger
Call
301-658-6923
See C section
Dairy Equipment

Murray
INSURANCE ASSO., INC.
Murray
can provide *MORE* and *MORE SPECIALIZED* insurance coverage than other agents in this area!
WHY??
- more markets
- more experience
- *BETTER RATES!!!*

5 S Hess St, Quarryville
Call Rick Rankin
786-2161

39 N Duke St, Lancaster
Call Jim Robertson
397-5271

Insurance for every risk!

SMUCKER'S SALES & SERVICE, INC.
RD #2, BOX 21
NEW HOLLAND, PA 17557
Lister DIESELS
12-36 bhp
TS2/TS3 AIR COOLED DIESELS
FOR PROMPT SERVICE CALL
717-354-4158 OR IF NO ANSWER
CALL 717-354-4374

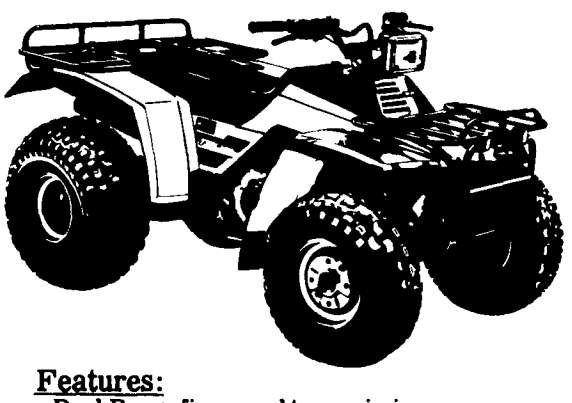
Automatic Cycling
WOOD GASIFICATION BOILER
See This Working Unit On Display At Ag Progress Days
ESHLAND Wood Gun
- Eliminates Creosote Build-up
- Lower Fuel Consumption
- 84% Wood, 85% Oil Efficiency
- Available in sizes from 80,000 to 500,000 BTU/hr with auto. oil backup.

By using dense refractory material, complete combustion occurs at temperatures exceeding 2000°F No smoke... No creosote build-up!

ALTERNATIVE ENERGY SYSTEMS
Allen Lawver
504 E. Main St., New Holland, PA 17557
PH: 717-354-0412
★ FREE HEATING SURVEY & ESTIMATE ★

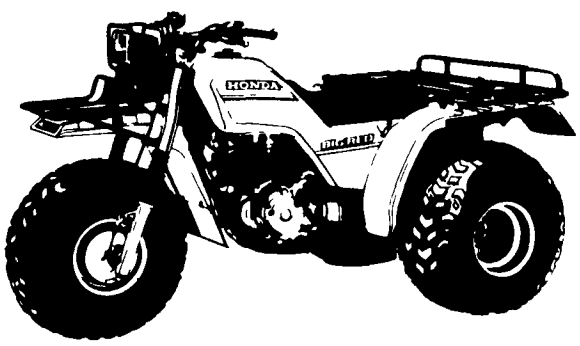
Follow The Leaders
A TOUGH PAIR TO BEAT

There's no substitute for the HONDA TRX 200



Features:
- Dual-Range five-speed transmission
- Handy reverse gear
- Maintenance-free solid-state CD ignition
- Heavy-duty electric starter
- Heavy-duty shaft drive.
- Independent front suspension
- Rear suspension features rugged box section swing arm and hydraulic shock absorber
- Powerful hydraulic front brake
- Standard trailer hitch pulls up to 700 lbs.

Clear the way for the 1985 HONDA BIG RED



Features:
- Now with rear suspension
- New 246LL Engine
- New 5 Speed Transmission
- Electric Start
- Easy to engage reverse
- Drive shaft
- 850 lb. towing capacity

— See All The '85 ATV'S in Stock At —

HOURS:
Mon.-Fri. 9 AM - 8 PM
Saturday
9 AM - 3 PM

LANCASTER HONDA
"HONDA AT ITS BEST"

2350 Dairy Road
Lancaster, PA
Phone
(717) 898-0100

THE MICRO WAY

LANI BLOOMER

Copyright 1984 Lani Bloomer

One night a man in my beginning microwave class told me that standing time was needed to let the "microwaves get out of the food so it would be safe to eat"! This is quite wrong but shows the confusion about standing time in microwave cooking. The answers below to the most common questions about standing time should help clear up some of the confusion.

What is standing time and why do I have to allow for it?

Standing time means letting the food rest for some time before it is cut up or served. It is needed because microwaves cook from from the outside in to the center. (This is contrary to a popular myth that food cooks from the inside out in a microwave!) The outside edges cook first and very rapidly. Standing time allows the middle of the food to "catch up" with the edges.

While food stands, heat from the edges is conducted in to the middle to finish cooking the center of the food. In large dense food like roasts or turkeys, the microwave never reach the center of the food. The center cooks slowly by heat conduction, just as in your range. In a microwave, the edges cook so quickly, that you have to allow a little extra time for the heat to be conducted in to the center.

How long do I have to let my food stand?

The amount of standing time a food needs depends on its size and density. The larger or denser the food, the longer heat takes to be conducted to the center. Some average standing times are shown in the accompanying chart.

Standing time is most important when you cook food on high power, because the edges are cooked more quickly than the center. But even at lower cooking speeds, standing time is still called for to let the temperatures even out in food, and for flavors to develop fully.

Why does my food get hard when it stands?

Food that is dry or hard, or that has hard spots on it is overcooked. Food cooked properly in the microwave is juicy and moist. The most important thing to understand about standing time is that food continues to cook while it stands. For this reason, some cookbooks call standing time "carry-over cooking." If you cook your food in the microwave until it is "done" by conventional cooking standards, the food will be overcooked by the time you sit down to eat it.

You need to revise your "doneness" tests for microwave cooking, to allow for this extra countertop cooking. A cake cooked in the mircowave has cooked enough when it has risen all over, but still has a damp looking spot about 2" in diameter in the center. This wet, shiny spot will finish cooking and dry up during standing time. A roast, even if you have cooked it to a well done temperature, may still have red juices coming out of the meat at the start of standing time. If you cook the roast longer before letting it stand, you will have dried out, tough meat.

How can I tell when my food is done?

Cook foods for the shortest time given and let it stand. Then check your food to see if it is done after the standing time. This is particularly important with big items like roasts or turkeys. Microwave cooking times and probe temperatures take into account the cooking that goes on during standing time. Temperatures inside a roast, for instance, will increase 1 or 2 degrees a minute for up to 15 minures while the roast stands and finishes cooking.

If your food is not done when you check it after the standing time, you can cook it longer then. If you cook it for more than 5 minutes more, let it stand another few minutes. With a little experience, you can soon tell when your food is done. If you're not sure, remember that you can always cook something another minute or two after the standing time, but you can't uncook it!

Where should my food stand, and won't it get cold during standing time?

During standing time your food can remain in the microwave if it's turned off. Or, if you need to cook additional food, let the cooked food stand on your counter covered with a lid, foil or a towel to keep warm. (But don't cover cakes.) Wrap baked potatoes in a small terry towel to keep them piping hot. The towel lets the steam escape so the potatoes aren't soggy. Many people are "nervous" about letting cooked food sit around on their counters. Just remember, food is still cooking during standing time, and won't cool down if it's covered. If food stands longer than necessary, while you cook something else for instance, and does cool down too much, reheat it briefly before serving.

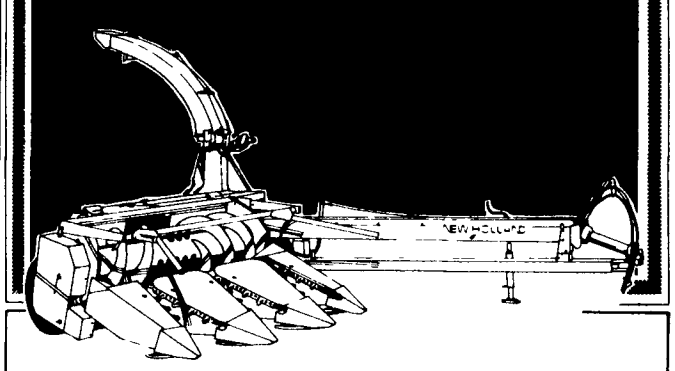
When you have several foods to cook for a meal, cook the food with the longest standing time first. Usually this food has the longest cooking time as well. Cook the food that cools down fastest, or has the shortest standing time last. This way, all the foods are ready to serve at the same time, even though they came out of the microwave at different times.

If you are getting dry or hard food from your microwave, it has been overcooked. Cook it less, and let it stand!

FOOD TYPES	STANDING TIME
Turkeys, big roasts, hams	15 minutes
Casseroles, smaller roasts, whole chickens, cakes, pies	10 minutes
Vegetables, baked potatoes, chicken pieces, bar cookies	5 minutes
Scrambled eggs, muffins, hamburgers, fish fillets	1-2 minutes

MAKE YOUR BEST DEALS FOR FALL HARVEST NOW!

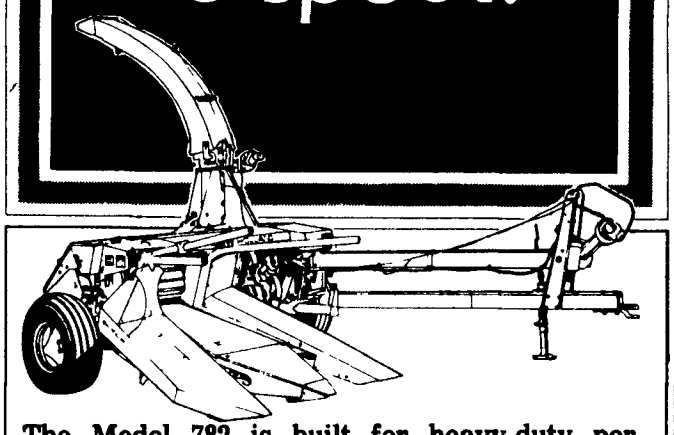
Heavyweight.



The Model 892 is a big-capacity pull-type forage harvester. The "892" can be used with tractors up to 175 horsepower.
The optional METALERT™ electronic detector reduces harvester damage and can cut down on hardware disease. The "892" is available with 12-knife or 8-knife cutterhead. Exclusive underbeveled knives never need rebeveling and make knife sharpening fast and easy. Flip-up feedroll makes shearbar adjustment easy.
There's a big choice of crop heads, including the exclusive interchangeable 3-row crop head/windrow pickup, 2-row low-profile crop head, conventional windrow pickup, sickle-bar and ear-corn snapping heads. Under-knife baffles increase capacity.
Like all Sperry New Holland machines, the "892" is backed by a service and parts system that's second to none.

EXTRA $800 OFF

Heavy duty from hitch to spout.



The Model 782 is built for heavy-duty performance. The 12-knife cutterhead chops uniformly, without a recutter screen. But for special crops and conditions, recutter screens are available. Check these outstanding features: Exclusive underbeveled knives eliminate the need for rebeveling. Flip-up feedroll makes shearbar adjustment easy. Choice of 540- or 1,000-rpm driveline. You have a big choice of cropheads, including one- and two-row, low-profile cropheads, windrow pickup, sicklebar and one-row, ear-corn snapping head.
Now Available With METALERT™ Electronic Metal Detector.

EXTRA $700 OFF

SPECIAL NEW HOLLAND FINANCING PROGRAMS
• WAIVER OF FINANCE ON HAY EQUIPMENT Till July 1, 1985
• WAIVER OF FINANCE ON FORAGE EQUIPMENT Till Sept. 1, 1985
OR LOW RATE FINANCING ON NEW & USED EQUIPMENT
• 4.9% Financing For 1 Yr.
• 7.9% Financing For 18 Mos.
• 9.9% Financing For 24 Mos.
• 11.9% Financing For 36 Mos.
• 13.9% Financing For 60 Mos.
(Self Propelled Units Only)
OR BIG CASH REBATES

PARTS ★ SALES ★ SERVICE
SEE THEM AT
NEW HOLLAND
KELLER BROS. TRACTOR CO.
SINCE 1921
717-949-6501
NEW TOLL FREE NO. 1-800-822-2152
Rt. 419 Between Schaefferstown & Cornwall, Lebanon County

HOULE
• Liquid Manure Pumps
• ELECTROMIX
• Barn Cleaner Chains
WIC
• Bedding Choppers
• Silage Carts
• Manure Tanks
US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
• Free Stalls
• Self-Locking Panels
• Comfort Stalls
• Gutter Grates
Available From
IVAN J. ZOOK FARM EQUIP.
(717) 935-2948

Also See Ad On Pages B24 & 25

Trail of hard work and activities led to Outstanding 4-H title for Deb Martin

BY SALLY BAIR
Staff Correspondent

CONESTOGA — Deb Martin was eight years old when she attended her first 4-h Achievement Day and was enchanted by the selection of the 4-H Queen. It became her goal to be selected queen, but after being a finalist in the junior contest, she had to alter her goal when she contest was changed to an Outstanding 4-H Boy and Girl contest.

She admits to some disappointment over the change in titles, but it don't stop her from doing her best and pursuing her alternate goal: on Thursday she completed her year as Lancaster County's Outstanding 4-H girl.

The trail to achieving that title was years filled with 4-H activities and projects, and a willingness to work hard at whatever she did.

A member of the Penn Manor 4-H Community Club and the Lancaster County Woolies Club, Deb, 17, has raised sheep, strawberries, vegetables, flowers and capons. She has been a teen leader for vegetables and flowers and has served in every office available.

Deb can hardly remember exactly why she enrolled in 4-H, but recalls that it had to do with being in second grade with a friend, and they thought it would be fun to help the Penn Willow Club with its annual community clean-up. They joined, helped pick up several truck loads of trash, and that was the start of 10 years of involvement for Deb.

Although she began with cooking and sewing, Deb, who lives south of Conestoga with her parents, Mr. and Mrs. Melvin Martin, changed directions to flowers and vegetables because they were projects that didn't require weekly meetings and travel to other places. Deb says, "I can take these projects and still be on the farm."

She explains that her mother is now a leader for flowers and vegetables, and they help the 4-H'ers by working with in them in planting seeds so that they have appropriate materials to exhibit at Achievement Day in August.

Deb believes that the competition in 4-H is good. "Although they are not rewarded for every little thing, there should be a reward at the end, in the business world, the harder you work, the better of you are," she states.

Having remained in 4-H through the teen years, years when many find other interests, Deb says, "It's worth it to stay in. I have found that it's better to stay with one club or one project and do your best." As for achieving, she says with a smile, "It's like they say, the harder you work the luckier you get." If you stick with it, in the long run it pays off." She admits that she is still striving and mentions her strawberry project where she got third place this year, after starting out last in her first year of growing them.

Her hard work in her projects has paid off in other ways. She received recognition for having the outstanding project book in capons, sheep and flowers and was named the Outstanding Shepherd in the Woolies Club last year, for her all-around accomplishments.

Last year, too, she received the

(Turn to Page B15)

Her 15 Suffolk breeding and market sheep keep Deb busy. Last year she was named Outstanding Shepherd because of her all-around activities with the Lancaster County Woolies Club.

Low H.P. Requirements
GET THE MIX
with gravity assist
See Us At
AG Progress Days
West 11th
717-354-6235

SURDIAC
COAL STOVES
WORKS DIVISION OF FACIT INC
CLASSIC
Hopper Feed
and
Automatic Draft
OFF SEASON
PRICES
BOWMAN'S
STOVE SHOP
RD 3, Ephrata, PA 17522
Rt. 322, 1 Mi. East
of Ephrata
(717) 733-4973
Tues., Wed. 10-6;
Thurs., Fri. 10-8;
Sat. 10-4

PULL AHEAD!
Ford TW with front-wheel drive.
Come see the great new Ford TW Series. Four models, from 105 to 170 PTO horsepower.* They're the toughest, most powerful tractors Ford has ever built. And, they can be equipped with front-wheel drive.
Cut tillage time and fuel consumption by up to 20%!
Tests prove front-wheel drive could cut tillage time and fuel consumption by up to 20% on a per acre basis, depending on tractive conditions. That means you could pack 12 hours of work into a 10-hour day...on 10 hours worth of fuel, depending on your conditions! And, the Ford mechanical front-wheel drive system offers many other advantages:
- Tight, maneuverable 50-degree turning angle
- On-the-go engagement
- Automatic limited-slip differential
- Rugged construction

Plus...TW-5, TW-15, TW-25 and TW-35 tractors feature FREE TRACTOR CARE. For the first three years or 2,500 operating hours virtually all you'll buy is fuel and fluids for replenishment. Ask us about this comprehensive warranty and maintenance program.

See The New Ford Tractors In Stock And Ready To Go!

NOW...GET

9¾% ANNUAL PERCENTAGE RATE FINANCING FOR UP TO 60 MONTHS
ON NEW FORD EQUIPMENT!
Buy and take delivery of any new Ford industrial tractor, tractor-loader or backhoe-loader before June 30, 1984. We'll help arrange low 9¾% FIXED ANNUAL PERCENTAGE RATE financing for qualified buyers for up to five full years through Ford Motor Credit Company.
OR DELAY YOUR PAYMENTS UNTIL SEPTEMBER 1, 1984!
Prefer to delay payments instead? We can help arrange up to 6 months waiver of payments for qualified buyers, followed by up to four full years of 9¾% FIXED ANNUAL PERCENTAGE RATE financing. You'll make no additional payments and finance charges will not begin to accrue until September 1, 1984!
OR GET BIG CASH DISCOUNTS!
Factory incentive allowances to dealers now make it possible for us to offer big cash discounts in lieu of the above special rates.
All offers require a qualifying down payment or trade-in. Certain restrictions apply. *Physical damage and credit life insurance not included.*
STOP IN SOON FOR DETAILS!

PARTS ★ SALES ★ SERVICE
KELLER BROS.
SINCE TRACTOR CO. 1921
717-949-6501
NEW TOLL FREE NO. 1-800-822-2152
Rt. 419 Between Schaefferstown & Cornwall, Lebanon County

Outstanding 4-H'er

(Continued from Page B14)

first annual Elmer Boyd award, given by the Boyd family to an outstanding 4-H'er in memory of former 4-H leader Elmer Boyd. That menat a lot to Deb because the year before at the Leader's banquet she had sat with Elmer and his family. "He worked with capons, so I enjoyed meeting him," she recalls. "They are an outstanding family."

Ribbons and trophies fill Deb's bedroom, but it is the intangible benefits of being a 4-H'er that perhaps mean the most. "I have traveled all over - that's what is really neat," Deb says, enthusiastically. "I often think how many fewer people I would know without 4-H. Penn State is like a second home to me, and my 4-H activities have given me the opportunity to look it over."

She has also visited Juniata College as a delegate to the Pennsylvania Association of Farmer Cooperatives Summer Institute, and then was selected to attend the American Institute of Cooperation at the University of Montana - that gave her first flying experience. She traveled with a 4-H exchange to North Carolina as well.

She says "I like getting to know people from all over, and learning what projects they enjoy doing."

She says she likes to encourage youngsters to join 4-H. "It is most definitely worthwhile. It has helped me learn my own abilities. I don't know where I would have learned public speaking. It helps a person find out more about themselves and what they can really do."

Asked whether she has realized a monetary profit from her 4-H activities, Deb laughs, "Showing sheep is an expensive hobby. Showing, buying equipment and feeding them are all expensive."

Deb now operates a deli stand at Southern market where her mother has had a stand for years. There she also sells her flowers and vegetables along with other homemade salads and goodies, and that, too, has proven profitable, althought a lot of hard work. She enjoys standing on market mostly because, "Once again, I get to meet people from all over. Sometimes we have eggs going to Virginia or chow-chow going to Ohio," she remarks.

Not the least of Deb's abilities is her public speaking talent. She says she developed it through conducting meetings as officers, and last year she entered the public speaking contest and spoke on "Pennsylvania Agriculture - We're Growing Better." She was asked to give that speech to the ag-industry banquet sponsored by the Lancaster Chamber of Commerce, and there met Penrose Hallowell, Department of Agriculture Secretary, who was pleased with her facts and figures on Pennsylvania Agriculture.

A senior at Penn Manor High School, Deb is a member of the Future Farmers of America there, having joined to learn more about agriculture.

Deb is unsure about her future, but says candidly, "I think I would have fulfilled my life if I came to farm and were a farm wife." A listener once chided her for wishing to be a farm wife, and Deb said that she knows what an important job it is and how diverse it is, feeling her mother is special because of her role as farm wife.

She would be happy working in agriculture communications, but says she may find politics interesting too. "I think I have the public speaking ability and can do research and debate. Maybe I will do something on the local level."

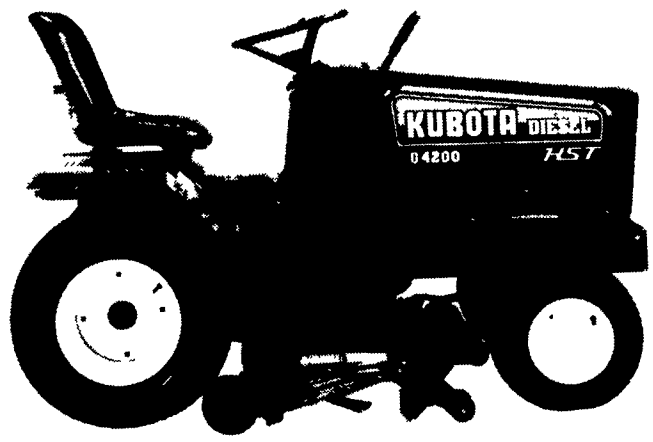
Deb still has two years to be involved in 4-H, and she has not stopped setting goals. "I'd like to go to National 4-H Club Congress in Chicago. If I do that yet in my 4-H career, I'll be happy."

Keeping a scrapbook is a lot of work, but a sure way to keep track of the many awards, honors and nice experiences Deb has had as Lebanon County's Outstanding 4-H Girl.

10.5% A.P.R.

Here It Is! *A New Generation:*

The Smallest Water-Cooled, Two-Or Three-Cylinder Compact Diesel Engine Lawn and Garden Tractors with The RC44-G Mid-Mount Mower.



— Models Available —

- **G3200** 10 HP Gear
- **G4200** 12 HP Gear
- **G4200H** 12 HP Hydrostatic
- **G5200H** 14 HP Hydrostatic

VISIT US AT THE KUBOTA DISPLAY - AG PROGRESS DAYS

AUG. 21-23 - Located at West 2nd Street.

——See the New 3750 & 4150—— Hydraulic Shuttle Shift Kubota's

ALSO INTRODUCING THE NEW KUBOTA B6200 & 7200 HYDROSTATIC DRIVE

10.5% A.P.R.

THE BIGGEST KUBOTAS REBATE

Buy one of the biggest Kubotas and get a big cash rebate. You can get from $500 to $800 back direct from Kubota Tractor Corporation depending on the model you choose. The offer is good on most of our M series tractors, ranging from 49 to 85 PTO horsepower. But it's only good through the end of August. So hurry. See us for all the details. Then pick yourself a big orange Kubota and get big greens back.*

Eligible Models	Customer Cash Rebate Amount
M4950 (All Models)	$500.00
M5950 (All Models)	$600.00
M6950 (All Models)	$700 00
M7950 (All Models)	$800 00
M8950 (All Models)	$800.00

* Rebate subject to availability of qualifying models.
Program ends August 31, 1984.

KUBOTA®
Nothing like it on earth.™

TWO CONVENIENT LOCATIONS:

730 South Broad St.
Lititz, Pa. 17543
on Route 501
6 miles North
of Lancaster
Lancaster County
717-626-2121

KELLER BROS. TRACTOR CO. SINCE 1921

PARTS ★ SALES ★ SERVICE

R. 7 Lebanon,
Pa. 17042
Rt. 419 1 mile West
of Schaefferstown,
Buffalo Springs
Lebanon County
717-949-6501

NEW TOLL FREE NO.
1-800-822-2152

Elaine Cook is first woman to head Pomona 3

BY SUZANNE KEENE

WEST CHESTER — Elaine Cook of West Chester has been attending Grange acti /ities since infancy and with many years of experience behind her, she is taking her new position as the first woman Master of Pomona Grange 3 all in stride.

"I'm not so honored because I've been on ever so long," Elaine says in reference to her new position.

"My parents met at Grange, so I've been a Granger all my life," Elaine explained. Her parents took her to many Grange activities when she was a child, and she formally became a member when she turned 14.

Since that time she has been involved in almost "everything that comes along," she says. "I've been one to enter practically everything in the Gange."

Recently elected Master of Pomona 3, Elaine Cook is the first woman to hold that position. Here she poses with the plaque she received in 1979 when she was selected State Granger of the Year and a quilt that she recently finished.

In 1979 Elaine received the State Granger of the Year Award in recognition of her participation in many Grange activities.

Acting as secretary for her Pomona for the past ten years is one of those activities. In this position, she said, she was responsible for a lot of the ritualistic work involved in the Grange.

For the past six years Elaine has been the first woman State Deputy for Chester County. Her term in this state-appointed position will end in October.

In this position she has worked as liaison between the state and local Granges. If there is a local problem or a new Grange in the making, Elaine is the one who passes it onto the state. As State Deputy, she has installed many of the officers in her Pomona's 19 subordinate Granges.

To her list of firsts in the Grange Elaine adds the position of first woman Master of her local Grange. Elaine's father had been Master of Brandywine Gnange 60 in 1940 and when Elaine assumed the position in 1963, she said that her taking over in this traditional male bastion was quite a change for the group."

"I think they thought I couldn't do it," Elaine says with a gleam in her eye. But with her experience behind her, she was able to prove them wrong.

Now, at age 58, she is ready to embark on a new adventure on her Grange voyage. Although she does not formally assume her new position as Master of Pomona 3 until October, she has begun selecting the committies that will work with her.

This time, Elaine said, she has heard no negative comments about a woman being Master. "I've been a Granger so long, I think they respect that," she said. Both men and women have congratulated her on her new position.

Her experience and hard work in the past is helping out in other ways as well. She said she has "always tried to do my part and do my job."

Because she has been receptive to other's requests when a job needed done, she is discovering that people are willing to return the favor and help her when she asks them to serve on a committee.

During her two-year term as Master, Elaine says one of her primary goals is to build up attendance. Right now, she doesn't have any new programs in mind, but plans to concentrate on broadening some that the current Master started. "I want to build up what we've got," she says.

While some of her predecessors have tried to initiate a lot of programs into the Pomona's schedule, Elaine says she believes people are too busy with their local activities to devote a lot of time to Pomona events. She sees the Pomona's responsibility as helping the subordinate Granges and passing their ideas onto the state for action.

While Elaine and her husband, Edwin, no longer live on a farm, Elaine said she believes it is important for them to stay abreast of farm legislation. As a grassroots kind of organization, the subordinate Granges and Pomonas offer an opportunity for people to discuss issues and pass their ideas onto the state if necessary.

"If you've got a local problem, that's the main thing," Elaine said.

Elaine has passed her enthusiasm for the Grange onto her family. She said she met Edwin at a Grange square dance, and while he was not a Granger at that time, Elaine saw to it that he soon became one. Their children, Diane and Darrell, are also Grangers.

When Elaine isn't working on her Grange projects, she enjoys square dancing with her husband, sewing and quilting. She said she also enjoys putting on magic shows for various local organizations, something she learned from her father at an early age and has continued throughout her life.

She is also a member of the County Curriculum Advisory Board for Chester County food handlers, representing non-profit groups.

Elaine shows little sign of slowing the pace of her Grange activities and says she is looking forward to receiving her 50 year pin before too long.

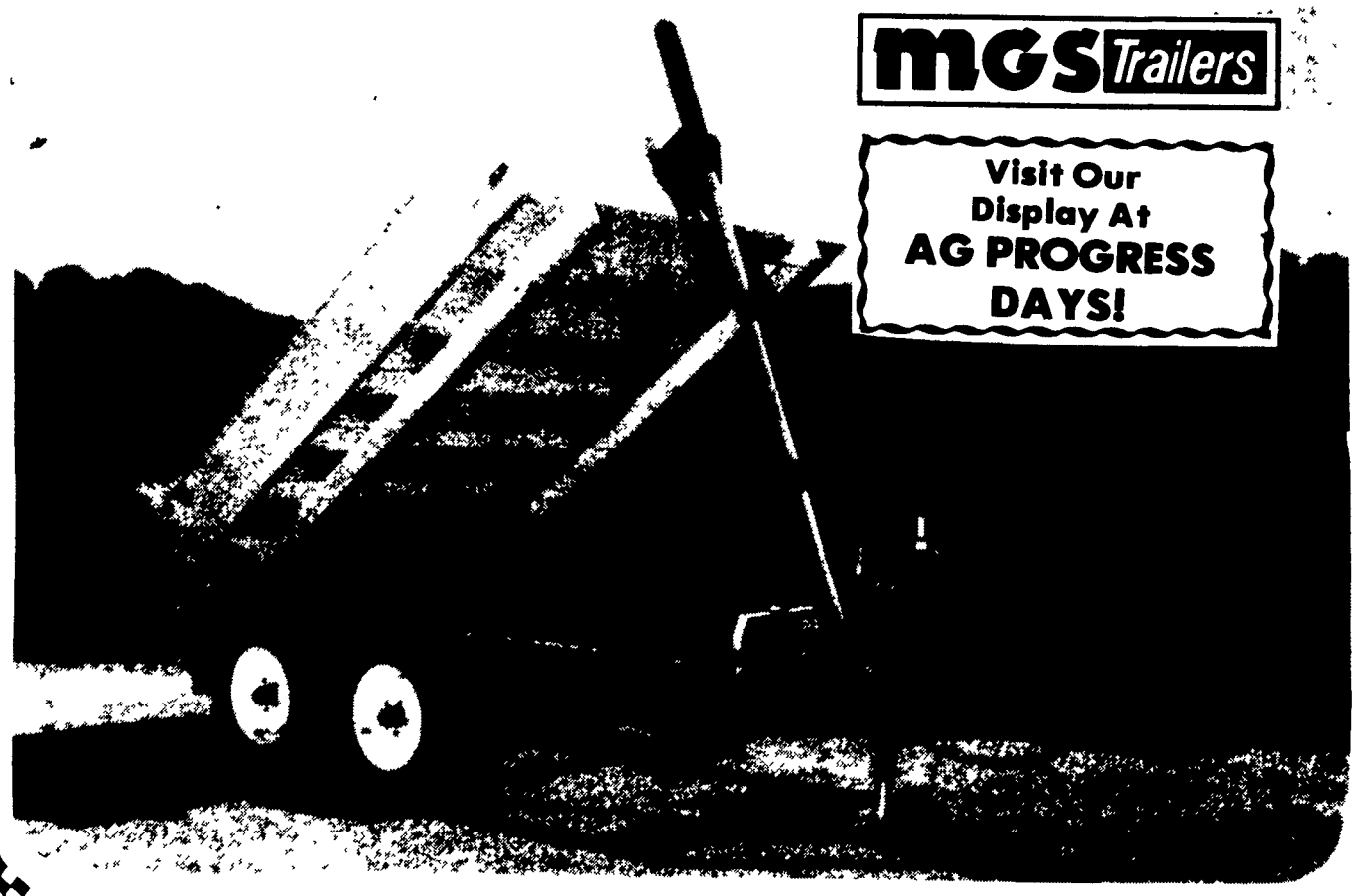
Penns Valley Beef Club

The Penns Valley 4-H Beef Club met at the Dashem Farm, Centre Hall, on August 5 for a fitting demonstration by club president Kevin Long, vice-president Michelle Hosterman and news reporter Howard Dashem.

The group discussed plans for a float for the Grange Fair.

News reporter Howard Dashem gave a report on the Massachusetts Exchange trip which was on July 11 to 18.

After the meeting the group had a family picnic supper and went swimming.



WELLS CARGO™ Hitch Installation Pa. State Inspection

Complete Wells Cargo Dealership

Many Models To Choose From

MGS TRAILERS
R.D. 3, Muddy Creek Church Rd.
(Across From Zinn's Diner, Rt. 272)
Denver, PA
215—267-7528

Model 5400
MGS MINI DUMP TRAILER
Extra Strength For Extra Use
HITCH UP TO A WINNER!

Standard Equipment & Specifications:

- 5400 lb. GVWR
- 650x13 Tire/Wheel
- 12'6" Remote Control Cord
- Galvanized Steel In Body
- Hydraulic Brakes
- Torsion Spring Axles
- 42° Dump Angle
- Built In Battery Charger
- 5'x8' Bed

Enter the 20th Century—with a fiberglass bulk storage bin from Fiberdome®

- Eliminates bridging, won't rust or corrode
- Cuts heat buildup and condensation
- Feed stays fresh in any weather
- Precision engineered for long, long life
- Unique 5-year warranty
- Adaptable to any augering system

Write for information and a FREE sample of fiberglass—the superior, modern material for superior storage bins!

fiberdome INC
P.O. Box 11
Lake Mills, WI 53551
(414) 648-8376

...made to last

See Us At Penn State's AG PROGRESS DAYS
August 21-23, Located On West 3rd Street

Leaders, 4-H'ers find first year of computer project a success

BY SALLY BAIR
Staff Correspondent

LANCASTER — 4-H hasn't been just cows and cooking for a long, long time, but it continues to adapt to meet new demands. This year, for the first time, a project in computers was offered and was an immediate success.

"There was a great response as far as adult leadership," says Chet Hughes, Penn State Extension county agent. At least three community clubs expressed interest, although just two could carry it through because of the inability to schedule the use of computers through local schools.

The two that did offer the project, Mastersonville Community Club and Penn Manor Community Club, found more than enough willing 4-H'ers.

According to Hughes, there are two project books offered currently, and the project is designed to get the children used to computers, the hardware and the software, and make them comfortable with the terminology. Programming is discussed in the second unit, but Hughes says, "It's pretty simple."

Ruth Hoffer, organizational leader for Mastersonville Club, said she had to have one active list and one reserve list because of the demand. Since the high school computers were not available in the summer, Mrs. Hoffer found a leader who had computers in her home.

The recruited leader, Sherry Kraft, started with one group and plans to meet with the second group after Achievement Day. "I'm not a programmer. I'm pretty much a beginner. In fact, she says she was inspired to take a course at the Mount Joy Vo-Tech to stay a step ahead of the 4-H'ers.

She admitted that those with computers at home were able to go further than those with no access outside the project. She was pleased with the progress made in the six meetings, although said she may limit the age to 12 if she offers it again.

Dot Charles, organizational leader for the Penn Manor Club, succeeded in recruiting three teachers, and was able to use the computers at Penn Manor High School. Their time was limited because of others scheduled to use the room, so they met three times in six weeks to complete the course.

Sharon Fleming and Barb Kamen, both teachers at Conestoga Elementary School, volunteered after an informational letter was distributed in their school. Sharon, a fourth grade teacher said, "We have taught it in fourth grade, so the projects were well within their age brackets."

She adds, "We had a good time. We let them get started, and although we had a game plan, we found out it didn't go that way. It was better to let them work individually, and a couple stayed after the allotted time to go further."

Sharon expressed surprise at the number of kids who had computers in their homes, which made it much easier and more educational for the 4-H'ers.

Barb said that the course helped them become familiar with the keyboard and with any special keys on the computer. Both teachers are working on developing a curriculum for K-6 in their schools, and Sharon said, "The kids fight to come in at recess and play with the computers."

Ten-year-old Chris Coolidge owns a Commodore computer, and uses it primarily to play games, though his mother uses it for her work. He said he enrolled in the 4-H project because he wanted to learn more and believes it will help him when he gets to use computers in school. His other 4-H project was rocketry.

Eric Musser, 15, was interested in taking the project because he had used a friend's computer before the friend moved. "We did a lot of stuff in the project, and learned to put a time on it," Eric said. He added that his parents are "thinking about" getting a computer, so he'll be in a good position to put it to use. A member of the Penn Manor Club for 6 years, Eric has taken pet care, oil painting, and photography.

Thomas Black, another leader for the Penn Manor 4-H project, teaches computers to adults and found the 4-H'ers very responsible in learning to work with the equipment.

Hughes said more project books will probably be written for the computer, and the project will continue to be offered to interested clubs and 4-H'ers.

Since computers seem to be here to say, 4-H'ers can practice using the keyboard, learn the terminology and get a head start on the technology which they may need everyday in their future.

4-H leaders Barb Kamen, left, and Sharon Fleming help Chris Coolidge and Eric Musser, right, use the computers as they work from their 4-H computer project books.

CROWN AGRITANKS

Molded of cross-linked polyolefin / seamless construction / won't rust or corrode / virtually maintenance free / horizontal or vertical tanks / 300 to 6200 gallon capacities.

SEND FOR FULL DETAILS
ON THE AGRITANKS THAT CAN DO MORE FOR YOU!

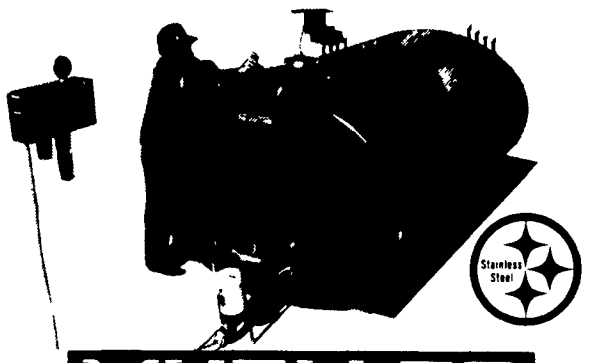
Crown Rotational Molded Products, Inc.
P.O. Box 577, Marked Tree, AR 72365, (501) 358-3400
A CROWN INDUSTRIES COMPANY

MUELLER
Refrigerated Receiver

LING DOES A DIFFERENCE!

Isn't it time for you to join the growing number of dairymen testifying to the improvement the Refrigerated Receiver has made in their operations!

Authorized Milk Coolers SALES SERVICE



MUELLER
HiPerForm®

First Class Cooling!

We Mueller distributors know the ultimate measure of a cooler's worth is its performance The HiPerForm refrigeration system, patented Temp-Plate® Heat Transfer Surface, electronic controls, safety features and superior automatic cleaning system assure you of first class performance

With MUELLER... the Quality Goes All the Way Through!

Longacre
ELECTRICAL SERVICE, INC
P. O. Box 159
602 MAIN STREET BALLY, PA. 19503
DIAL (215) 845-2261
"Quality Service Since 1922"

SURGE

INFARMATION
FEED MANAGER

COMPUTERIZED FEEDING AND MANAGEMENT SYSTEM USERS REPORT...

"Pleased with last year's performance!" La Lisa Holsteins, Bally, Pa.

"Production up 5 lbs. per head per day!" Raymond & Noami Burkholder, Lititz, Pa.

"...started our system on Saturday - milk increase by Tuesday..." Robert & Joan Noll, Oley, Pa.

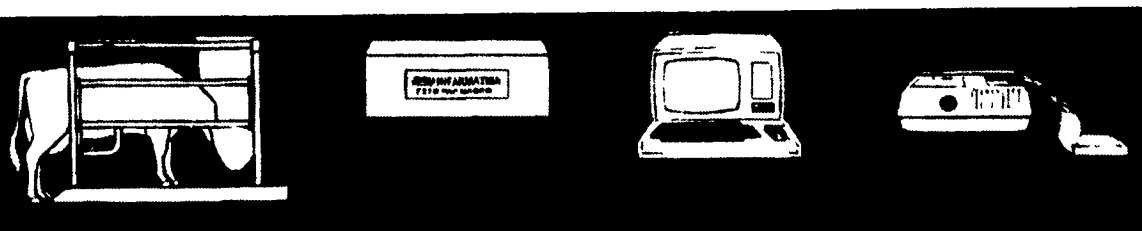
"Feed usage drops almost 30%..." Grant & Norma Burkhardt, Freeport, Ill.

"Avg. from 18,500 lbs. of milk to 19,200 lbs. of milk in 7 months!" Don Schmidt, New Royal Farms, Lockport, N.Y.

"Our feed consumption is down and the tank almost ran over in milk!" Robert Kline, Monocacy Sta., Pa.

"Feeds the cows through-out the day instead of just twice!" Robert David Manning, St. Albans, Vermont

"An overall savings in feed of $2,800 per month - 116 cows!" Don Garner of Ladybrook Dairy, Miss



215-845-2261
Longacre
ELECTRICAL SERVICE, INC
P.O. Box 159
602 MAIN STREET BALLY, PA. 19503

Ag Progress Days make a good family mini-vacation

BY SUZANNE KEENE

MANHEIM — A mini-vacation is better than no vacation and often it's the only kind of break that busy farm families can find time to take. Ag Progress Days, a three-day event held annually at Rock Springs near the University Park Campus of Penn State University, offers the basic elements of such a mini-vacation.

While Ag Progress Days, like all good vacations, offers a change of scenery and lots of delicious food, the event goes one step further than simply providing a good time - it offers an opportunity to learn what's new in agriculture as well.

Donald Hershey, a Manheim area farmer who has been attending Ag Progress Days for a number of years, sees the event as a good way to check out the latest models of farm equipment while taking a break from endless farm chores.

"For the farmer, it's like a businessman's convention," Hershey says. It's a great way to see what's new; what's working and what isn't, he adds.

Usually at least one member of the Hershey family attends the event, and sometimes, the whole family goes. There are "a lot of things that everybody in the whole family can enjoy," he notes.

Hershey and his two sons agree that looking at the new equipment is something they all enjoy.

Everyone in Pennsylvania who has an ag related product will be displaying it at Ag Progress, Hershey says. His wife, he continues, terms the event "bellyache day," because he and his two sons always come back bellyaching about all the new equipment they would like to have but can't afford.

Last year the Hershey's took special notice of the "Ag Bag," a new way of storing silage in plastic bags. While they did a lot of looking and talking about the new process, Hershey said, "We're not doing it ourselves." But, if they had been looking for a place to store extra silage, they might have done more than just look and talk, he continued.

Also of special interest last year were the computers, and once again, the Hersheys did a lot of looking and talking about them.

Hershey also enjoys looking at the test fields, where new strains of seed are tested. "I get as much enjoyment from looking at the field tests on corn and alfalfa as I do anything. I feel I can learn as much there as anywhere," Hershey says, adding that he bases his seed order for the coming year on what he sees at Ag Progress.

For Hershey's son, Larry, part of the fun of Ag Progress is the opportunity to visit with people he doesn't see too often. And, for his sister, Patti, last year's Lancaster County alternate dairy princess, Ag Progress was an opportunity to meet new people as well.

For women whose patience wears thin when the men spend too much time inspecting the newest tractors, Ag Progress offers displays of the latest sewing machines. Ruby Bollinger, a Manheim area farm wife, said she saw the sewing machines at Ag Progress one year, and soon had one for herself.

Bollinger and her family attend the event every year. "I'm addicted to it," she says.

The family living tents are of special interest to this mother of three small children. "Since I've made it to those tents, I go back each year," she says.

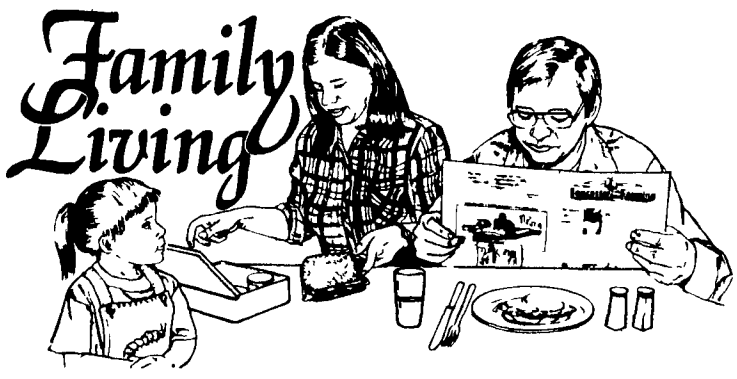
Bollinger said she found a display of infant car seats particularly interesting. In another display, she said, she learned about herbs and how to use them for flavorings in place of salt. She also picked up some good recipes from the commodity booths and got to try some samples.

The Bollingers also credit Ag Progress with introducing them to their FM radios which enable them to have constant communication between their two farms. "They're an essential part of our operation," Ruby said, adding that she doesn't know how they ever got along without them.

The Bollingers take their children along to the event. "The older they get, the more they enjoy it," Ruby noted. She believes it is important to take the kids along to events like Ag Progress, so they become familiar with all aspects of agriculture from the very begining.

Kids and adults alike have much to benefit from a day away from the farm when it's spent at Ag Progress.

Donald Hershey, center, and his two sons, Steve, left, and Larry, right, base their seed orders on knowledge they gain at Ag Progress Days. An excellent mini-vacation for busy farm families, this event offers plenty of educational opportunities.



Divorced fathers play crucial role

NEWARK, Del. — Most of society's attention goes to a divorced mother, who usually assumes day-to-day responsibility for the care of her children. But the noncustodial father also plays a role in his children's lives, says University of Delaware extension family and child development specialist Dr. Patricia Tanner Nelson. That role is far more important — and difficult — than most people realize.

After a divorce, must fathers miss their children as much as they miss him. Some fathers see their new role as a sham, with few functions or rewards.

They may try to escape the pain of separation by withdrawing from their former families, withholding support payments, and neglecting to call or visit. These hurt, angry fathers may feel it matters little how they treat their children. However, a father's continued interest and involvement makes a bigger difference to his children than he may realize, says Nelson. Children with supportive fathers have higher self-esteem and perform better in school than their less-fathered classmates.

A very young child needs a man's boisterous style of play as well as a woman's quieter style for maximum intellectual development. Furthermore, children who enjoy both parents' love and approval as they grow older will develop the self-assurance needed to establish loving adult relationships of their own.

How can a noncustodial father meet the emotional needs of a child he doesn't see every day? It takes work and practice, Nelson says, but it can be done. Some men actually become better fathers after divorce because they have new opportunities to spend time alone with their children.

Fathers and children can maintain contact through letters, phone calls, and visits. With each contact, a father can let his children know he still cares about them, and the divorce was not their fault. Fathers who are involved in their children's lives after divorce stay happier and healthier, Nelson says, and their children do too.

Arriving on time for visits is one way to reinforce a child's trust. Generally, Nelson says, shorter, more frequent visits are preferable to fewer, longer ones.

Fathers often try to make up for the pain of a divorce by showering visiting children with gifts and special privileges. They don't want to mar their time together by refusing a child's demands.

But Nelson says it isn't necessary to treat children as visiting dignitaries. Though youngsters relish gifts and special privileges, they really want their father's undivided attention and the security of feeling welcome in his home. For example one child may be reassured from finding his toothbrush in the same spot whenever he visits his father.

Nelson says the most rewarding visits are planned jointly by father and child. Generally they include a comfortable mix of ordinary and special activities. Fathers needn't feel obligated to spend every waking hour rushing from the zoo to the amusement park to the movies. On the other hand, visitations are pointless if a father merely leaves his children to their own devices while he runs errands and entertains other people.

Visitations accomplish their purpose if the children feel like members of a genuine father-child family. When there is more than one child, relationships are strengthened if the father can spend special time alone with each child.

Benefits can be lost, however, if parents use visitation as an arena to continue their own conflicts. One parent may purposely schedule visits at inconvenient times for the other, or deliberately change plans at the last moment. Another may try to undermine the authority of the former spouse during visits, or to pump the children for damaging information. This puts children in a very uncomfortable position. Wanting to please both parents they end up feeling guilty and disloyal. Children can recover more quickly from the aftershock of divorce if they aren't forced to side with one parent against the other. It helps if parents can maintain an air of civility, even if it isn't genuine.

Divorce marks the end of a marriage relationship, but not the end of the parents' relationship with their children. Even if a marriage ends in bitterness and anger, most children are willing to forgive and forget. They love irrationally, and their love persists even in difficult circumstances.

Often in divorce, time and distance conspire to keep fathers and their children apart. But no matter how many years pass, no matter how many mistakes a father feels he has made, Nelson says an occasional phone call, note, or birthday card will mean more to his child than he may ever realize.

BACK HOME

By Michelle S. Rodgers

Lancaster Extension Home Economist

"FIRST DAYS"

We have finally gotten the summer heat, just in time to make the "Back to School" sales seem out of place. However, the heat does force many of us to retreat to air-conditioned facilities, including the malls, where pens, notebooks and lunch pails are best sellers.

For me, the first day of school was an exciting event. It took weeks to plan the right outfit. Then there was the choosing of new "school shoes." In my mind, new shoes gave me confidence to face a new school year. I also remember a certain apprehension: what will the new teacher be like, what kids will be in my class, will my teacher like me?

Many children do spend the last weeks of summer waiting eagerly, apprehensively and sometimes even fearfully for the start of school. As a parent, you can do a great deal to ease these tensions. Now, even though it feels most like summer, is the time to prepare your child and build a positive attitude toward school.

First, show an enthusiasm for school. Attitude plays an important part in the learning process. If you show enthusiasm for school, your child will be likely to look forward to it, also.

Recognize the first day as a big event. Some families emphasize the significance of the day by taking a picture of each child and then comparing them to other years. It helps to reinforce the good things about growing up and entering a new grade. If this is the first year of school for your child, be understanding about the changes your child faces. Let your child express his feelings and acknowledge them as real feelings, some of which you might also have experienced. If your child has never experienced being away from home, you might plan a short visit away with friends or relatives yet this summer to build confidence in being away for school.

Talk with your children about going to school. Go over the schedule and route. One of my biggest fears was missing the school bus. We had a long walk out our farm lane to the bus stop. Talking about the time the bus was supposed to arrive helped to ease that tension.

Take some time to play "What if?" — What would you do if you forgot your lunch money?; What if you lost a library book?; What if you got sick during school?; What if you forgot your homework? Just knowing what some possible solutions are will help your child function with confidence rather than panic.

Decide now on a normal routine for after school hours. If you are working when your child returns home from school, set clear plans about your expectations. Don't forget to plan for time together when you share the happenings of the day with each other.

School is an important part of every child's life. Be sure to take the time now to help ease those first days ahead. By making this new step a pleasant experience, you are building a strong foothold for all the years to come. No one can do that better than you!

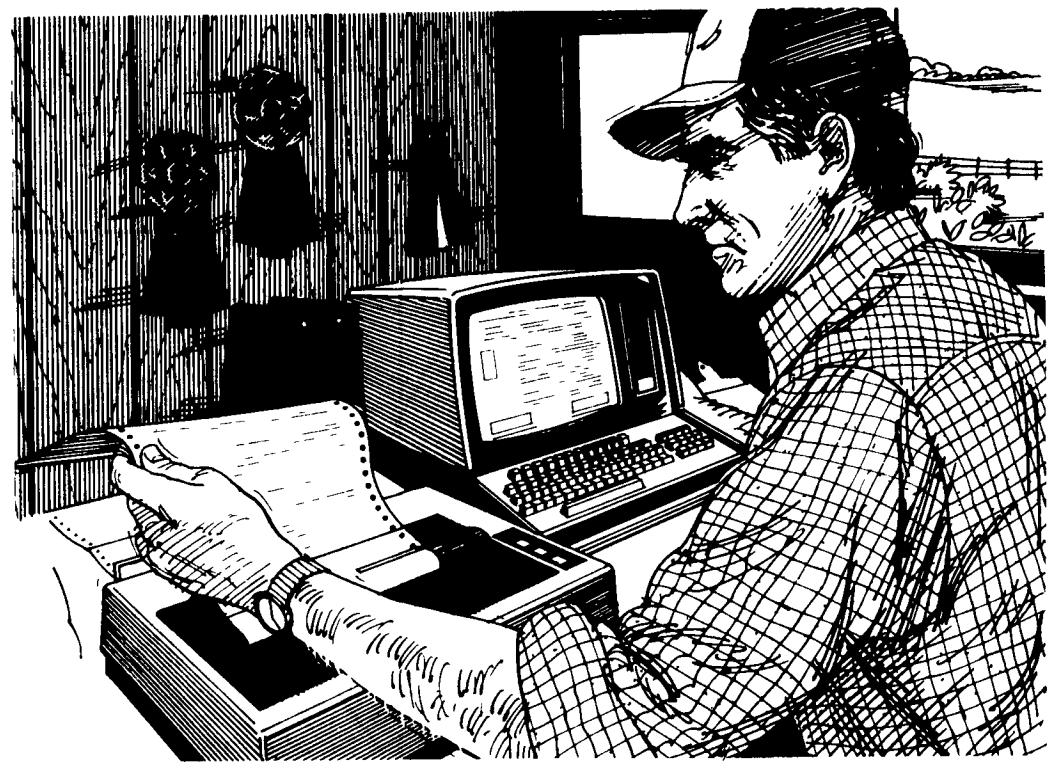
Visit The Surge Display At
AG PROGRESS DAYS...

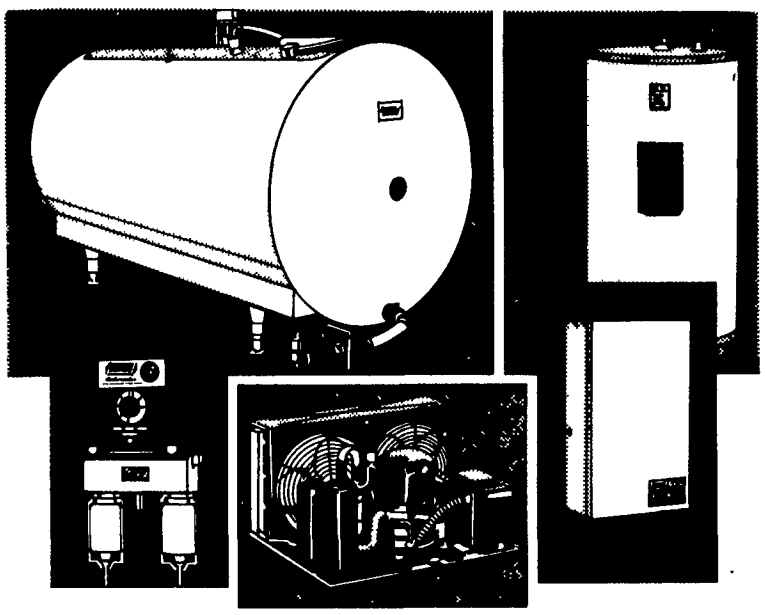
GET THE FACTS ON...

- ★ Dairytrack Computerized Dairy Herd Management System
- ★ Infarmation Dairy Herd Feeding System
- ★ Milk Cooling And Energy Savings Equipment
- ★ Pipeline & Parlor Milking Equipment

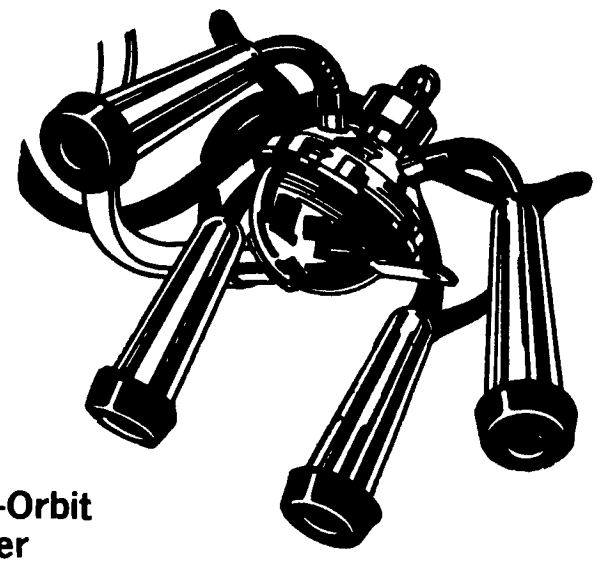
The Surge Infarmation System.

A feed and management system





Cooling & Energy Savings Equipment



The Mini-Orbit Milker

We can make your cows worth more.
SURGE

Get The Facts At AG PROGRESS DAYS
or
See Your Nearest Surge Dealer!

BRANDT'S FARM SUPPLY INC.
601 E. High St.
Elizabethtown, Pa.
Ph: (717) 367-1221

BRICKERVILLE EQUIPMENT
Lester Boll, Prop.
Brickerville, Pa.
Ph: (717) 626-6198

PARADISE
Farm & Home Center
RD 1, Thomasville, PA
Ph: (717) 225-1064

JIM'S SALES & SERVICE
Oak Bottom Rd., Box 37
Quarryville, Pa.
Ph: (717) 786-1533

K.C. DAIRY SERVICE
RD 2, Box 2332
Mt. Bethel, Pa.
717-897-5141

DONALD UPPERMAN
RD 3, Chambersburg, Pa.
Ph: (717) 264-6007

PEN W. HOSTETTER
RD 2, Annville, Pa.
Ph: (717) 867-2896

LONGACRE ELECTRICAL SVC. INC.
Bally, Pa.
Ph: (215) 845-2261

H. DANIEL WENGER & BRO. INC.
RD 1, Hamburg, Pa.
Ph: (215) 488-1025

Ida's Notebook

Ida Risser

This summer we held our own small family reunion again. In the 1930's, when my mother bought the farm on which we live, she planned a picnic along the bank of the Conestoga River in our meadow to celebrate her husband's and her brother's birthdays. They were both in July and therefore that is when we started our annual gatherings.

Now both my father and uncle are gone but my sisters and I have continued the custom of meeting in a park or at someone's home. By now my parents' 19 grandchildren are quite scattered. Over half of them no longer live in Pennsylvania and so only seven were able to attend. But some of those attending now have families of their own and so our numbers are expanded by small children.

As I only have four first cousins, ours is not the kind of reunion where one meets third and fourth cousins. We do not plan a program, but merely bring a lot of good food and than have time for catching up on each others lives. We learn when weddings will be held, when babies are expected and who is traveling to Europe or to Canada this summer.

Talking about traveling, my husband and I visited Cindy in Niles, Ohio this past weekend. Not only did we have a nice visit with her, but Philip drove east from Chicago and spent two days with us too. We attended her company picnic and heard a concert by Jim Nabors, who played Gomer Pyle on television, in the evening.

The Pennsylvania and Ohio Turnpikes had a lot of traffic and the weather was damp to say the least. But being together was wonderful, even if we slept on the floor in our unfurnished apartment. She has a nicely equipped kitchen and she served us wonderful meals while we were there.

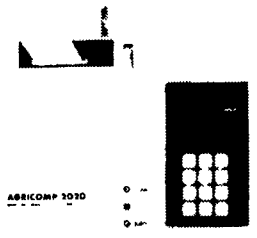
GO FOR THE EFFICIENCY EDGE

SEE US AT AG PROGRESS DAYS FOR DETAILS ON THE NEW BOU-MATIC 2030 COMPUTER

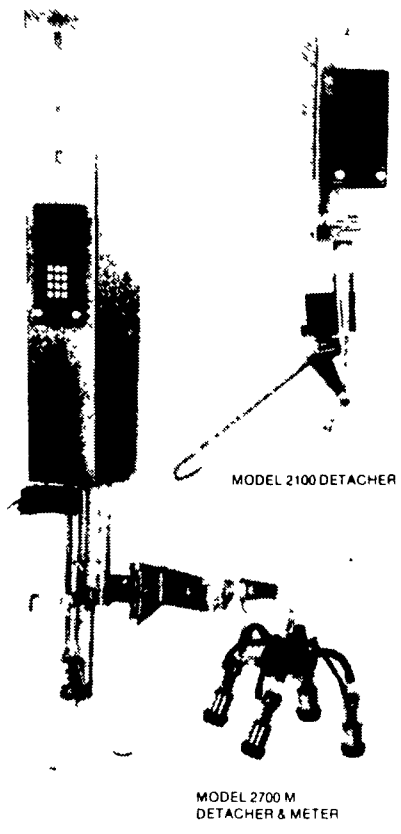
SYSTEM 2000

THE NEWEST DIMENSION IN DAIRY MANAGEMENT—

A system designed and built to combine the most innovative dairy automation with computerized dairy record keeping.



AGRI-COMP 2020 COMPUTER



MODEL 2100 DETACHER

MODEL 2700 M DETACHER & METER

The Bou-Matic System 2000 offers you a choice of three stages of dairy automation: automatic detachers, with Models available for either parlor or flat-barn installations, the Model 'M' milk meter, a revolutionary metering device that monitors milk flow and provides individual production data, and the Agricomp 2020 computer, an on-farm management and record tool that offers a simple and efficient means of collecting and displaying dairy herd information

Call or stop by for complete information on the System 2000

The Bou-Matic®

Computerized Feed Management System

Featuring:

- 450 Cow Capacity.
- Dual feed capability.
- Touch panel keyboard.
- Up to 12 feed periods/day.
- Adjustable dispense rate.
- Report on allotments, consumption and activity by cow, group or herd automatically or on demand.
- State of the art data transmission.

See Your Nearest Bou-Matic Dealer or See Us At AG PROGRESS DAYS!

J & R SERVICE, INC.
215 N. Cornwall Rd.
Lebanon, Pa. 17042
717-273-6232

MENDENHALL DAIRY SUPPLY
R.D. #4
Brookville, Pa. 15825
814-849-5539

W & J DAIRY SALES
RD 2 Oxford, Pa. 19363
717-529-2569

PAUL R. LANDIS
RD#2
Milton, Pa. 17847
717-437-2375

DEC INTERNATIONAL **BOU-MATIC**
A product of Dairy Equipment Company

JONES DAIRY SERVICE
Box 52, Fostertown Rd.
Medford, NJ 08055
609-267-0198

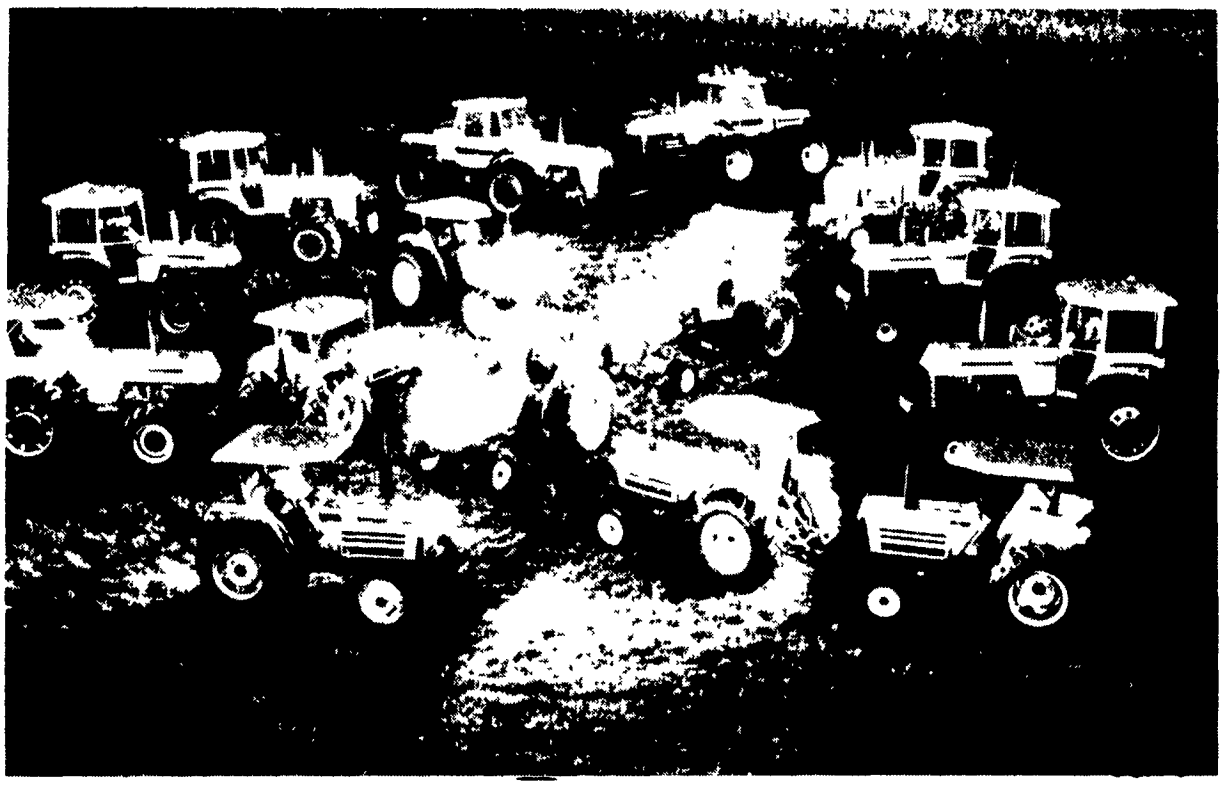
SHENK'S FARM SERVICE
501 E. Woods Drive
Lititz, PA 17543
717-626-1151

CUMBERLAND FARM & DAIRY SERVICE
4560 Dairy Road
Chambersburg, PA 17201
717-263-0826

WHITE FARM EQUIPMENT

ACTIONS SPEAK LOUDER THAN WORDS

SEE OUR EQUIPMENT DISPLAYED

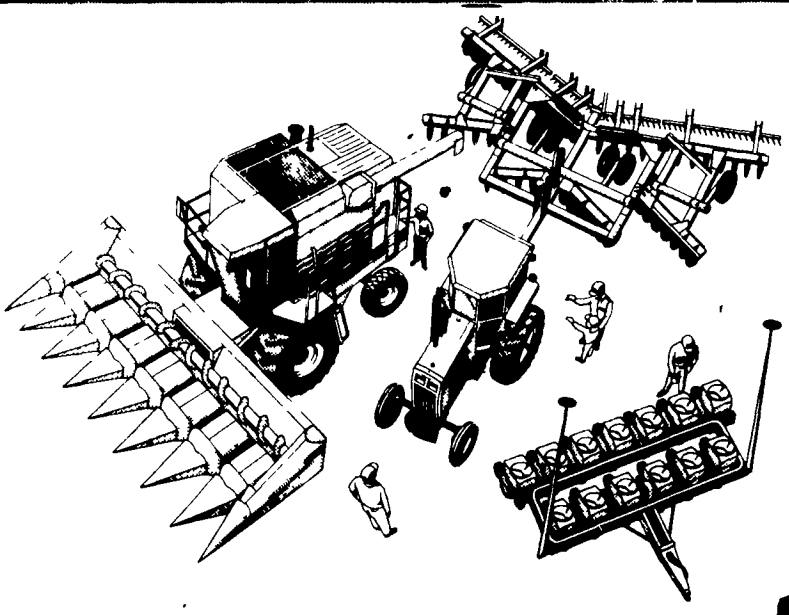


AND DEMONSTRATED DURING

AG PROGRESS DAYS

August 21-23

Located On East 5th Street



WHITE FARM EQUIPMENT

SEE YOUR LOCAL WHITE FARM EQUIPMENT DEALER

ARNETT'S GARAGE
Rt. 9, Box 25
Hagerstown, MD
301-733-0515

BURCHFIELDS, INC.
112 S. Railroad St.
Martinsburg, PA 16662
814-793-2194

PAUL M. BYERS, INC.
1700 Edgar Ave.
Chambersburg, PA 17201
717-263-8568

NORMAN D. CLARK & SON
Honey Grove, PA
717-734-3682

ELDER SALES & SERVICE
Stoneboro, PA 16153
412-376-3390
376-3740

FARMERSVILLE EQUIPMENT, INC.
RD 4
Ephrata, PA
717-354-4271

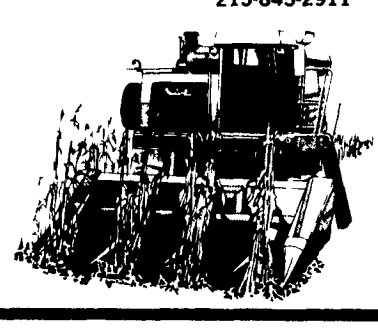
FARNSWORTH FARM SUPPLY INC.
103 Cemetery St.
Hughesville, PA
717-584-2106

HANDWERK BROS. SERV. CENT.
RD 1 - Neffs
Slatington, PA
215-767-5946

N. G. HERSHEY & SON, INC.
Manheim, PA
717-665-2271

CHAS. J. McCOMSEY & SONS
Hickory Hill, PA
215-932-2615

MILLER EQUIPMENT CO.
RD 1
Bechtelsville, PA
215-845-2911



OWENS SUPPLY CO., INC.
East Ave. & Broad St.
Woodstown, NJ 08098
609-769-0308

FRANK RYMON & SONS
State Rt. 31 South
Washington, N.J. 07882
201-689-1464

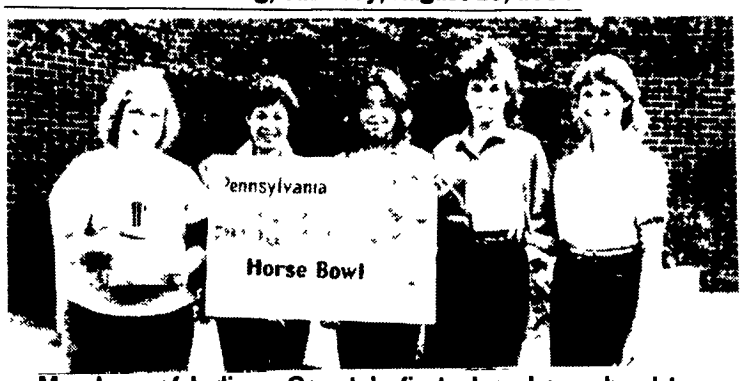
ERNEST SHOVER FARM EQUIPMENT
19 W. South St.
Carlisle, PA
717-249-2239

SHUEY'S SALES SERVICE
Ono, PA
717-865-4915

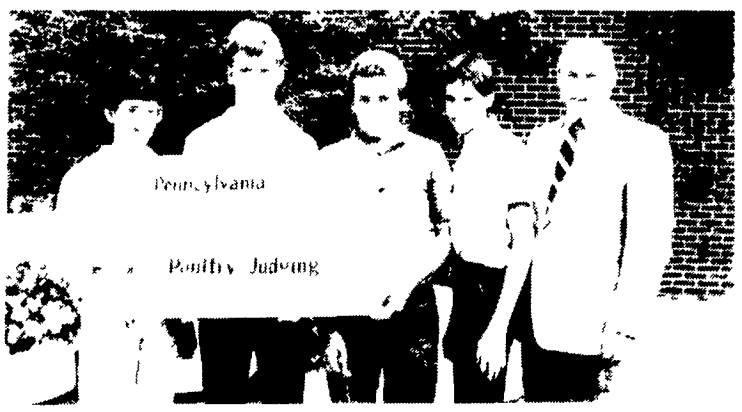
STANLEYS FARM SERVICE
RD 1 - Off Rte. 125
Klingerstown, PA
717-648-2088

STOLTZFUS FARM SERVICE
Cochranville, PA
215-593-2407

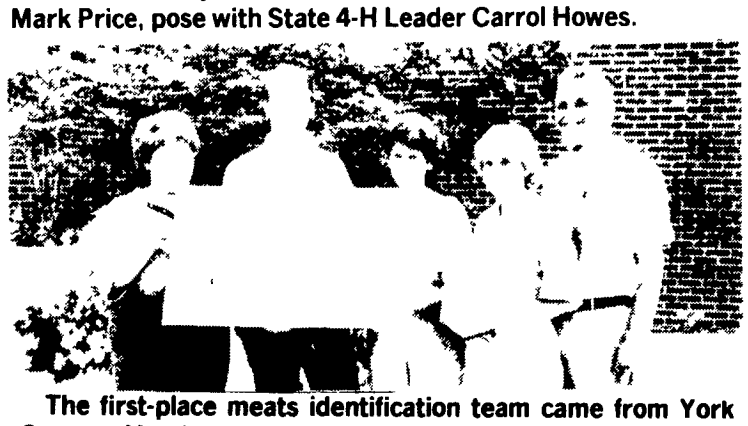
Oustanding Pennsylvania 4-H'ers honored



Members of Indiana County's first place horse bowl team are Ethel Coleman, Maria McDonald, Pam Ofman, Barb Peace and Jill Stahlman.



Berks County's first place poultry judging team members from left Tammy Balthaser, Allen Bates, Bryan Moyer and Mark Price, pose with State 4-H Leader Carrol Howes.



The first-place meats identification team came from York County. Members Lisa Hoover, Jim Townsend, Heidi Dietz and Ellen Bentzel, pose with extension agent Tony Dubrosky.

BY SUZANNE KEENE

UNIVERSITY PARK — Many Pennsylvania 4-H'ers were recently rewarded for hours and hours of hard work and practice during State 4-H Achievement Days held at Penn State's University Park campus.

With them came a delegation of county 4-H agents, leaders and chaperones, many donating their time and talents so that the 4-H'ers would have the opportunity to test their skills and learn by doing so, said 4-H Youth Specialist U.B. Bakker.

The 4-H'ers who had the opportunity to compete in this three-day event had already devoted much time to preparing for their demonstrations, speeches or bowl questions. Others had labored over the sewing machine, making clothing that could rival any available in a store.

They had previously competed with their peers on a county level and came out at the top. Many more hours of practice followed in preparation for the even stiffer competition that knew they would face at State Days.

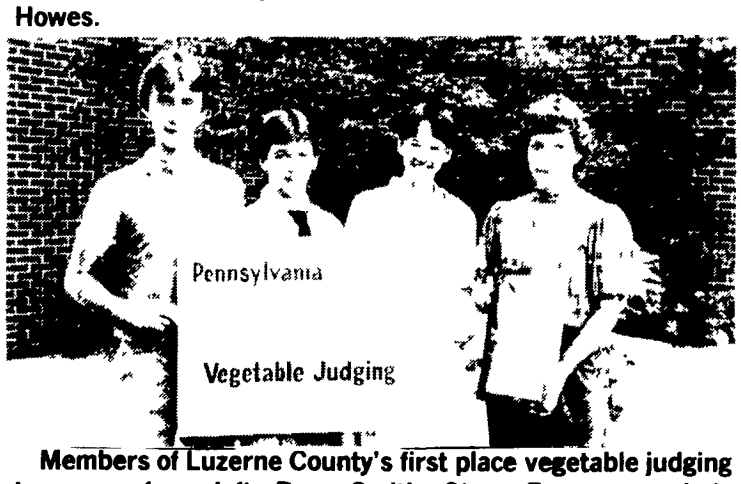
And, while not every one who came was able to leave with an award, all had shared in the fun and fellowship of competing with fellow 4-H'ers. Many of those who did not rank at the top of the roster this year, Bakker said, will be back even stronger next year, or the next. What is important, he stressed, is that they have learned and grown through their experience.

A list of the first place teams and individuals in each category follows.

HIGH INDIVIDUALS

Poultry- Jacki King Adams
Meat Identification- Lisa Hoover York
Entomology- Kim Lott Adams
Flower Identification- David Keller Lancaster

Berks County had the first place dairy judging team. Members from left, Todd Miller, Jim Younker, Charles Seidel and William Lesher, pose here with 4-H State Leader Carrol Howes.



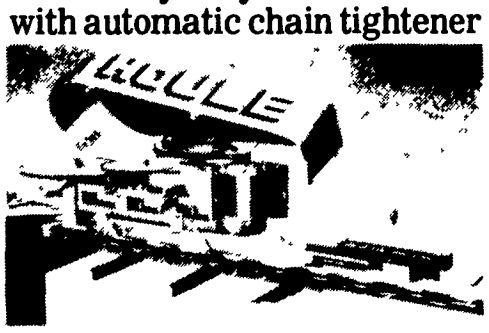
Members of Luzerne County's first place vegetable judging team are from left, Dave Smith, Steve Furnanage, Jody Whitebread and Kathleen Wychock.

Senior Livestock- Brian Hess Lancaster
Junior Livestock- Emily Weaver, Lancaster
Vegetable- Joseph Haines Allegheny and Christy Brown, Crawford
Dairy- James Younker Berks
Horse- Margot Leroy, Lebanon
Rifiery- Clayton Merrill, Lycoming
Archery- Greg Catrabone Erie
Public Speaking- Joan Barbera, Somerset and Kris Ferraro, Indiana
Junior Autorama- David Keener Franklin
Senior Autorama- Jim Behney, Adams
Orienteering- Teal Weaver Adams and Curt Sayre, Beaver
Photo Contest- Mathew Will Somerset
Physical Fitness
Jr Girl- Laurie Snow, Blair
Sr Girl- Kari Uncapher Blair
Jr Boy- Bob Borbonus Westmoreland
Sr Boy- Kenneth Dranzik Westmoreland and

ALL EQUIPMENT ON DISPLAY DURING G
Special Prices Availab O

HOULE
FARM EQUIPMENT MANUFACTURER

THE BARN CLEANER BUILT TO LAST....
Heavy-duty drive unit with automatic chain tightener



Excentric toothed sproket specially built to perfectly drive chain.

TRULY A VALUE YOU WON'T WANT TO MISS

Houle is still manufacturing the same rugged chain after 22 years

Chain links are constructed of 7/8" material with paddles spaced 18" on center.

10 YEAR WARRANTY

THIS REPLACEMENT CHAIN WILL FIT ANY EXISTING CLEANER

Special Early Order Prices

Per Ft. - Order Now, Take Delivery When You Need It.

- July 30 - Aug. 30..... $7.40
- Aug. 30 - Sept. 30..... $7.95
- Sept. 30 - Oct. 30..... $8.40
- Oct. 30 -..... $8.95

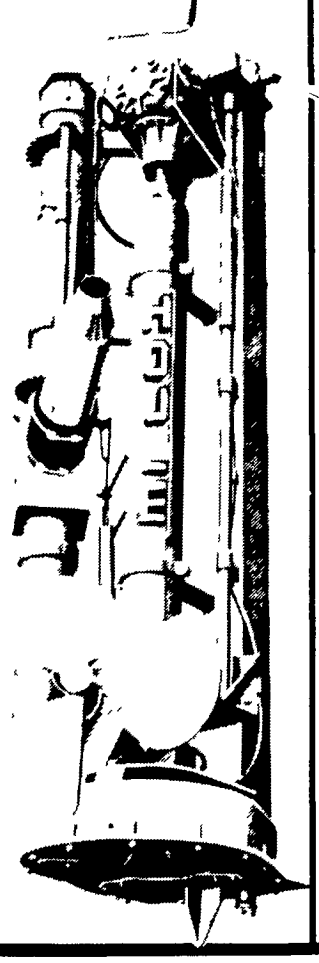
Prices F.O.B. Mfgr.

The MANURE PUMP with a BIG BITE

If you are trying to agitate and pump manure without this big propellor and positive cutting blade, you probably aren't doing it as fast as you could.

This big 24" steerable propellor agitates even the hardest of manure storage pits with heavy bedding at displacement rates of 18,000 gallons per minute. The cutting blade will chop long straw bedding and hay from feed bunks to mix it into a rich and creamy fertilizer. This pump is available for all sizes of storage areas in lagoon, trailer, 3-point hitch, and stationary models.

Don't be caught short of enough pump to do the job.



EVEN PR

A Size Fo ve
From 18 al.
Inj &

ELECTROMIX SYSTEM

Don't Cut on Cow Comfort!
The ELECTROMIX SYSTEM Handles More Bedding.

The Electromix System is installed with a second 15 cm (6") P.V.C. pipe to drain rain water back into the collection pit; usually the quantity of water required to clean the milking system is enough to condition the manure, that means less water to spread in the field.

The Electromix System can be installed with 2 or more gutter cleaners and for scrape-in operations. This positive displacement pump can transfer great distances without regard to elevations. Cost is reduced with the use of 6 inch PVC pipe. The capacity of this system is approximately 10 cows per minute.

2 Year Written Warranty

We are so confident in our Electromix System, we offer you a two-year written warranty with a full refund of purchase amount if not satisfied.

SEE US DURING AG PROGRESS DAY R

US AGRI-SYSTEMS

Manure Management Specialists

Achievement Days on Penn State campus

John Hogans Blair

TEAMS

Dairy- Berks County, Todd Miller Charles Seidel Jim Younker William Lesher

Junior Livestock- Washington County Becky Black, Joe Cole Eric Buckingham Mike Rohaley

Flower Identification- Indiana County, Jenny Belford Susan Fox Kathleen Learn Janet Minto

Senior Livestock- Lancaster County Brian Hess Jan Waltz, Michelle Dean, Fritz Frey

Horse- York County, Lynette Brown Donna Knox Tracy Miller Kelly Troup

Meats Identification- York County Lisa Hoover Heidi Dietz Jim Townsend Ellen Bentzel

Poultry- Berks County, Allen Bates Mark Price Bryan Moyer Tammy Balthaser

Rifiery- Huntington County David Stake Dennis Weidel Scott Wright

Archery- Columbia County Doug Fritz William Whitmoyer John Geffken, Rob Karschner

Consumerama- Berks County Joylin Batz Nanette Coryell Sheila Newhard Karen Rabenable

Horse Bowl- Indiana County, Maria McDonald Pam Ofman Barb Peace Jill Stahlman

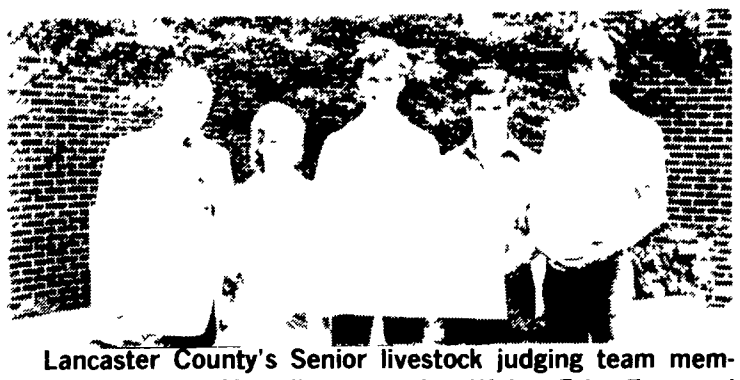
Consumer Education- Sullivan County Julie Campbell Lynn Hembury Yvonne Yonkin

Clothing & Textiles- Cumberland Co Kim Salisbury, Tammy Orner Pam Miller

Vegetable- Luzerne County David Smith Steve Furnanage Jody Whitebread

Physical Fitness- Blair County John Hogans David Houtz Kari Uncapher Laurie Snow

Dairy Bowl- Columbia County Sandy Shuman Marla Snyder Jeff Whitenight Russell Whitenight



Lancaster County's Senior livestock judging team members, from left, Michelle Dean, Jan Waltz, Fritz Frey and Brian Hess, pose with State 4-H Leader Carroll Howes after taking first place in livestock judging competition.

First place dairy bowl team members from Columbia County are from left, Russell Whitenight, Sandy Shuman, Jeff Whitenight and Marla Snyder. With them is 4-H Agent Chuck Gale.

The first place horse judging team came from York County. Here members Kelly Troup, Lynette Brown, Tracy Miller and Donna Knox pose with their coach Lorraine Miller.

Red Rose Beef Club

The annual Red Rose 4-H Beef Club tour was held on Wednesday, August 1 in the Manheim area.

There was a showmanship demonstration at the farm of Aleida Farrington.

The next meeting will be held at Penryn Park on September 5 at 7:30 p.m.

Kirkwood 4-H Club closes year with judging

The Kirkwood Community 4-H Club closed its year with judging at the Union Presbyterian Church on August 2.

In the craft club, superior awards were given to Debbie Greenleaf for macrame and to Melanie Wallace for counted cross stitch.

Members getting blue ribbons in macrame were Heidi Hallman, Sandy Whiteside, Teresa Pappas, Lisa Bilger and Kim Smith.

Counted cross stitch blue ribbon winners were Vicki Peters, Jill Harnish, Heidi Hallman, Sandy Whiteside, Lorraine Gregor, Karen Pletz, Alyssa Morrison, Missy Walton and Sue Hastings.

Jenny Harnish and Karen Pletz received blue ribbons in needlepoint.

Swedish embroidery first place winner was Jenny Harnish.

Blue ribbon winners in stencil were Lisa Bilger, Cindy Kreider, Jackie Bland, Jenny Harnish and Debbie Greenleaf.

Corn husk dolls winners were Sue Hastings and Missy Walton.

Winning in tin punch were Shannon McMahon, Jenny Harnish, Sue Hastings, Lorraine Gregor, Donna Greenleaf, Debbie Greenleaf and Lisa Bilger.

Craft leaders were Arlene Harnish, Marietta Peters and Sharon Herr.

The cooking club blue ribbon winners were Heide Hallman, Sandy Whiteside, Betsy Melwert, Mike Voight, Shannon McMahon and Kent Hastings. They all made chocolate chip cookies.

Those making pilgrim harvest bars and getting blue ribbons were Melissa Walton, Kelly Prange, Lori Frey, Sue Hastings, Heather Armstrong, Audra Atkins, Todd Reinhart, David Hallman and Georgie Prange.

Karen Pletz received a blue ribbon for her English muffin loaf.

Cooking leaders were Jane Hallman, Teresa McMahon and Pat Robertson.

The vegetable and strawberry clubs were led by Dwight Wallace. Brian Harnish took first in vegetables. Brian, Jenny and Jill Harnish all received blue ribbons for their strawberry projects.

The rocketry club leader was Don Hastings. Brian Harnish, Keith Hoffman and Ryan Kreider each got a blue ribbon. Kent Hastings received a superior ribbon.

Ray Wallace received a first in pet care.

The handyman club was led by Gilbert Linde and Jon Bland. Receiving blue ribbons were Davie Hallman, picture frame; George Prange, lawn bench; Kent Hastings, walnut spool rack; Jeff Gregor, walnut bird house; Mike Graver, oak bird house; and Jay Gregor, flamingo.

Verna Mae Walton was the flower club leader. Jenny Harnish, Jill Harnish and Missy Walton all received blue ribbons.

Michelle Horner and Lisa Bilger received superior ribbons for their tailored suits in sewing. Others receiving blue ribbons were Cindy Kreider and Melanie Wallace for a skirt and blouse.

The first year members making travel kits and winning blue ribbons were Dana Demboski, Carmen Meyers, Kelly Prange, Heather Armstrong, Lori Frey, and Missy Walton.

G PROGRESS DAYS AUGUST 21st - 23rd
On All Display Models

EN READ GUARANTEED!

...Who Else Would Dare To Make This Claim?

...A Rugged, Quality Manure Spreader That Gets The Job Done

...very Need ...al. to 4875 Gal. PLUS A TWO YEAR WARRANTY

Inje... & Truck Mounted Units Also Available

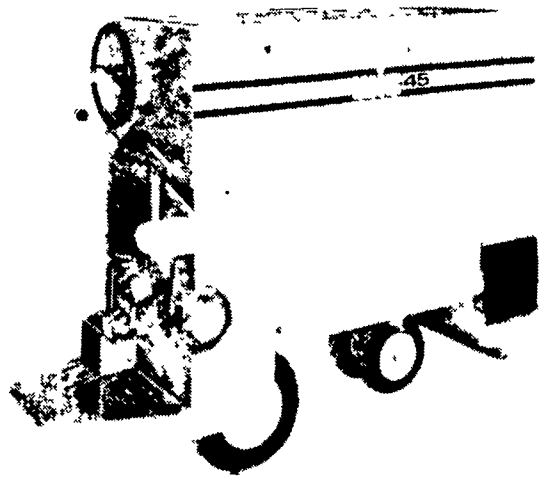
DAY OR CALL FOR MORE INFORMATION

...53 Barren Rd., Oxford, PA 19363
(301) 398-2948
TOLL FREE: (800) 222-2948

DEALER INQUIRIES INVITED

WIC INC.

DESIGNED FOR YOUR NEEDS
BUILT TO LAST

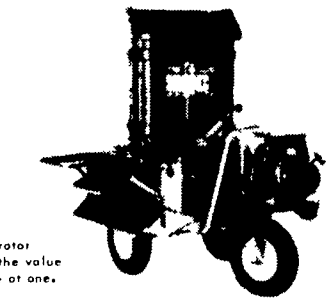


The New Silage Wagon has a hydrostatic drive and a monoshell body of high gauge steel. For use with silage, green or dry hay. Available in 3 sizes, 37, 51 and 74 bushels with 3 unloading options, one or two side and top unloading.
For litterature or information on your nearest dealer, write or call.

SILAGE CART SPECIALS

37 Bushel Bottom Unload	74 Bushel Bottom Unload	51 Bushel High Discharge
$3550	$4260	$3875

THE BETTER BEDDER



3 BLADED KNIFES
Again WIC gives you more for your money. Purchasing a WIC chopper with a cord-proof rotor of 3 bladed knifes, you obtain the value of 3 sets of knifes for the price of one.

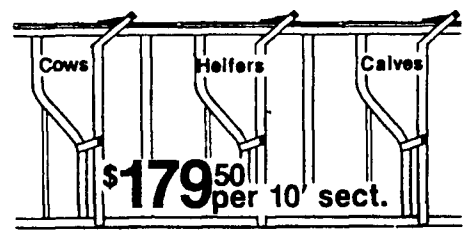
• GONE FOR GOOD, THE EXHAUSTING JOB OF CHANGING THE KNIVES, AS THE 144 BOLTS AND NUTS HAVE BEEN REPLACED BY 8 RODS INSERTED THROUGH THE KNIVES WHICH ARE COLLECTIVELY TIGHTENED, FORMING A ONE PIECE ROTOR

• THE CONCEPTION OF THIS NEW ROTOR GREATLY DIMINISHES THE RISK OF SNAGGING BEING FREE OF BOLTS AND NUTS

WIC INC.

BUY DIRECT AND SAVE

Big-Strong 2⅞" Galvanized Free Stalls $29.50 ea.



$179.50 per 10' sect.

Self-Locking Feeding Panels

- Barn Cleaner Chain.. $7.95/ft.
- Gutter Grates..... $9.20/ft.
- Tie Stalls from ..... $27.95 ea.
- Portable Hoof Trimming Stall..... $795.00
- Water Bowls..... $19.95
- Cow Mats..... from $29.50
- Down Cow Lifter $195.00

We Ship Or Deliver Anywhere

Centre Co. Dairy Princess has busy schedule

CENTRE HALL — The new Centre County Dairy Princess has been very busy since her coronation. Judith B. Vonada received her crown from the former dairy princess, Betsy Dupuis, at the "Super Sundae" Coronation at Logan Grange Hall, Pleasant Gap.

Judy is the 18-year-old daughter of Mr. and Mrs. Paul H. Vonada of Howard, Pa. She is a graduate of Bellefonte Area Senior High School where she was a member of the cast of "Oklahoma" and "The Sound of Music." She also served as treasurer of the Girl's Varsity B Club; was active on the yearbook staff; and was selected for the 1984 All-Star Basketball Team. Judy has been an honor roll student for four years and is a member of the prestigious "Who's Who Among American High School Students."

Judy, the owner of eight registered Holsteins, has participated in various dairy shows; has been a 4-H member for nine years and is currently vice-president of the Centre County 4-H Dairy Club. She was also a physical fitness winner and 4th runner-up in the 1984. Centre County Junior Miss Pageant. She plans to attend South Hills Business School in Boalsburg this fall.

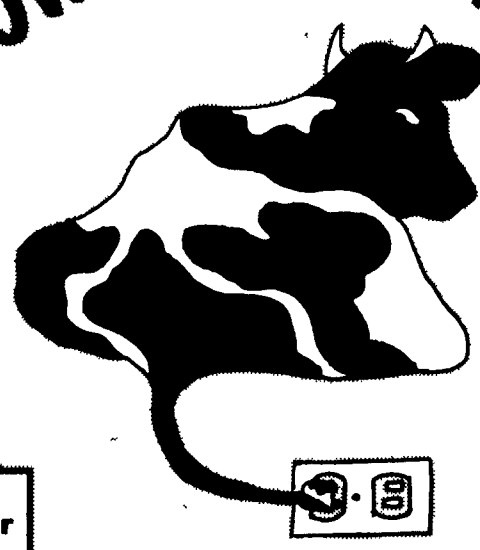
1984 Centre County Dairy Princess Judy Vonda

As the new dairy princess, Judy participated in a mall promotion at the Nittany Mall, State College, celebrating "June is Dairy Month." She has also participated in many parades and attended several meetings, including a strawberry festival. Judy appeared at a dairy promotion at the 1984 Central Pennsylvania Festival of the Arts, July 12, where Judy and Betsy Dupuis presented a puppet show, "Little Red Riding Hood and the Milk Caper;" attended several local ice cream stores during National Ice Cream Week; and attended the training seminar at Lycoming College, Williamsport.

Judy will represent Centre County at the Pennsylvania State Dairy Princess Pageant in September at Camp Hill.

METHANE ENERGY SEMINAR

"FROM COWPIES TO KILOWATTS"



August 28, 1984
Farm and Home Center
Lancaster, PA
9 AM - 4 PM

August 29, 1984
Ramada Inn
Somerset, PA
9 AM - 4 PM

Discussions of BIOGAS Production from:
• Dairy Cows • Hogs • Chickens

Learn to Calculate
• The Costs • The Benefits
Of Making Energy From Manure

SPONSORED BY:

GOVERNORS ENERGY COUNCIL
LANCASTER CONSERVATION DISTRICT

FOR INFORMATION CONTACT:

Larry Pluta
RCM, Inc.
717-392-1655

Linda DeLiberty
Governors Energy Council
717-783-8950

Small fee only $10 - includes dinner and workbook

REGISTRATION FORM
MAKE CHECKS PAYABLE TO RMC, INC.

YES,
I Enclosed $10 and plan to attend
_____ August 28, Lancaster
_____ August 29, Somerset

SEND TO:
RCM, Inc.
752 Scarsdale Cr.
Lancaster, PA 17603

NAME: _____

ADDRESS: _____

See your nearest
SPERRY NEW HOLLAND

Dealer for Dependable Equipment and Dependable Service:

Alexandria, PA
Clapper Farm Equipment
Star Route
814-669-4465

Annville, PA
B H M Farm Equipment, Inc
R D 1
717 867 2211

Beavertown, PA
B&R Farm Equipment, Inc
RD 1, Box 217A
717-658-7024

Belleville, Pa.
Ivan J Zook Farm Equipment
Belleville, Pa
717-935-2948

Carlisle, PA
Paul Shovers, Inc
35 East Willow Street
717-243-2686

Chambersburg, PA
Clugston Implement, Inc
R D 1
717 263-4103

Davidsburg, PA
George N Gross, Inc
R D 2, Dover, PA
717-292-1673

Elizabethtown, PA
Messick Farm Equipment, Inc
Rt 283 - Rheem's Exit
717-367 1319

Everett, PA
C Paul Ford & Son
RD 1
814 652 2051

Gettysburg, PA
Yingling Implements
R D. 9
717-359-4848

Greencastle, PA
Meyers Implement's Inc
400 N Antrim Way
P O. Box 97
717-597-2176

Grove City, PA
McDowell Farm Implement Co
Rt. 173 North
814-786-7955

Halifax, PA
Sweigard Bros
R D 3, Box 13
717-896-3414

Hamburg, PA
Shartlesville Farm Service
R D 1, Box 170
215-488-1025

Honey Brook, PA
Dependable Motor Co
East Main Street
215-273 3131
215-273-3737

Honey Grove, PA
Norman D Clark & Son, Inc
Honey Grove, PA
717-734-3682

Hughesville, PA
Farnsworth Farm Supplies, Inc
103 Cemetery Street
717-584-2106

Lancaster, PA
L H. Brubaker, Inc
350 Strasburg Pike
717-397-5179

Lebanon, PA
Keller Bros. Tractor Co.
RD 7, Box 405
717-949-6501

Lititz, PA
Roy A Brubaker
700 Woodcrest Av
717-626-7766

Loysville, PA
Paul Shovers, Inc
Loysville, PA
717-789-3117

Lynnport, PA
Kermit K Kistler, Inc
Lynnport, PA
215-298-2011

Martinsburg, PA
Forshey's, Inc
110 Forshey St
814-793-3791

Mill Hall, PA
Paul A Dotterer
R D 1
717-726-3471

New Holland, PA
A B C Groff, Inc
110 South Railroad
717-354-4191

New Park, PA
M&R Equipment Inc
P O Box 16
717-993-2511

Oley, PA
C J Wonsidler Bros
R D 2
215-987-6257

Pitman, PA
Marlin W Schreffler
Pitman, PA
717 648 1120

Quakertown, PA
C J Wonsidler Bros
R D 1
215 536 1935

Quarryville, PA
C E Wiley & Son, Inc
101 South Lime Street
717-786-2895

Ringtown, PA
Ringtown Farm Equipment
Ringtown, PA
717-889-3184

Silverdale, PA
I G Sales
Box 149
215-257-5135

Tamaqua, PA
Charles S Snyder, Inc
R D 3
717-386-5945

Troy, PA
Warner Tractor & Equipment, Inc
Troy, PA
717-297-2141

West Chester, PA
M S Yearsley & Son
114-116 East Market Street
215 696-2990

West Grove, PA
S G Lewis & Son, Inc
R D 2, Box 66
215 869 2214

Churchville, MD
Walter G Coale, Inc
2849-53 Churchville Rd
301 734-7722

Rising Sun, MD
Ag Ind Equipment Co , Inc
1207 Telegraph Rd
301-398-6132
301-658-5568
215-869-3542

Washington, NJ
Frank Rymon & Sons
201-689-1464

Woodstown, NJ
Owen Supply Co.
Broad Street & East Avenue
609-769-0308

WHAT'S NEW FROM SPERRY NEW HOLLAND?

The Model 411

Discbine™ Disc Mower-Conditioner

6 DISC CUTTERBAR
Makes 10-foot cut through down and tangled crops. Transport width is also only 10 ft. (Cutterbar shields fold up.)

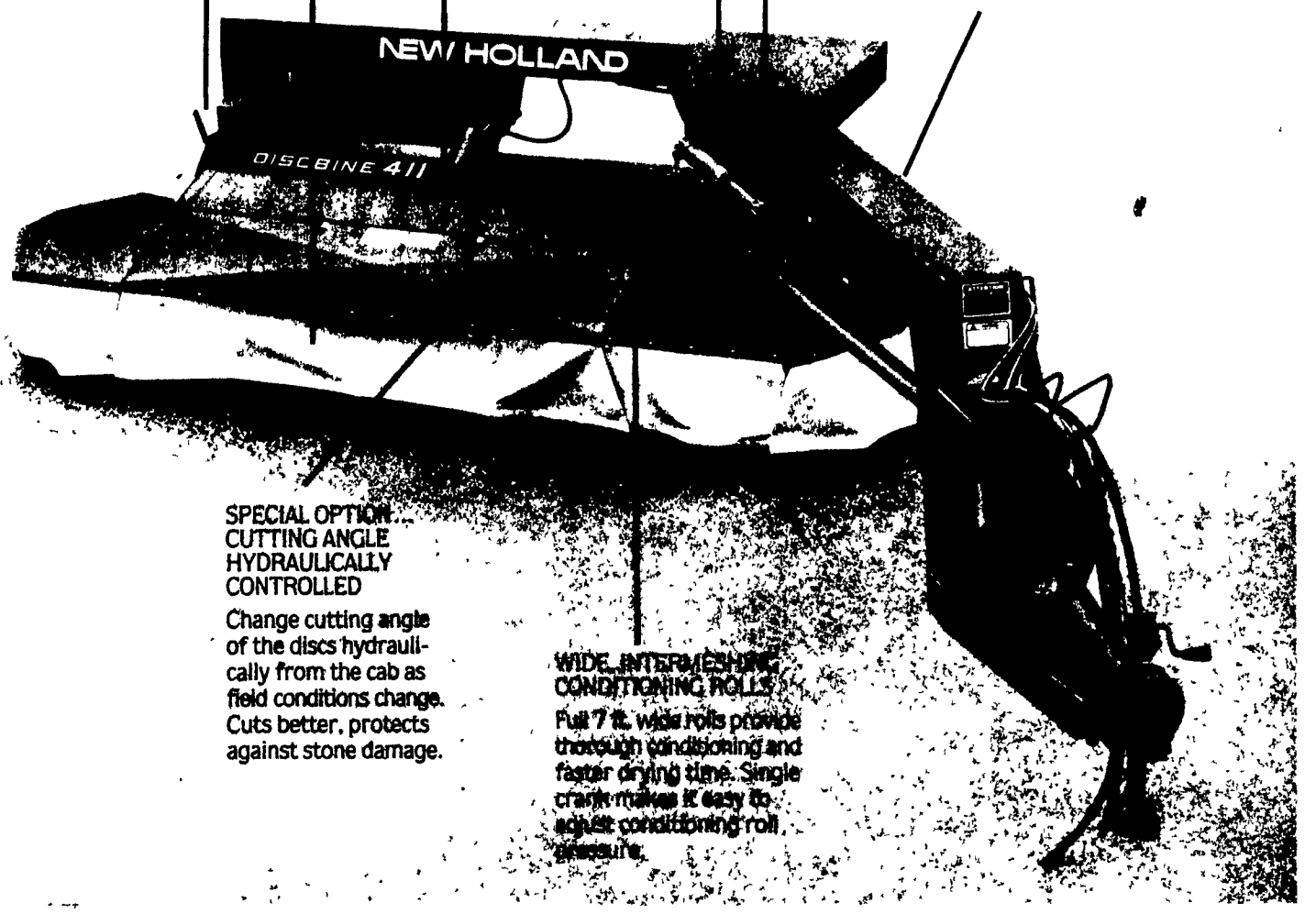
GEAR DRIVES
Both the cutterbar and conditioning rolls are gear-driven for long life, lower maintenance.

HYDRAULIC MUSCLE
Tongue swing and header lift are both powered hydraulically for sure control from the tractor seat. PTO is 540 or 1000 RPM.

SWATHS OR WINDROWS
Changes from full-width swath to windrow in seconds without tools.

SUPERIOR HEADER FLOTATION
Lateral header flotation cuts more crop with less scalping and ground damage to the discs.

HEAVY UNDERTREAD TIRES
H U.T 11L x 14 tires feature more rubber on the tread to stand up to tough stubble.



SPECIAL OPTION... CUTTING ANGLE HYDRAULICALLY CONTROLLED
Change cutting angle of the discs hydraulically from the cab as field conditions change. Cuts better, protects against stone damage.

WIDE, INTERMESHING CONDITIONING ROLLS
Full 7 ft. wide rolls provide thorough conditioning and faster drying time. Single crank makes it easy to adjust conditioning roll pressure.

SEE IT IN OPERATION AT PA. AG PROGRESS DAYS

BUT THAT'S NOT ALL...

Like To See How One Of Our Bale Wagons Works? We'll Have One On Demo. We'll Also Be Showing Our New Tedder. There'll Be A Box Spreader With Slurry Extension Sides, A Slurry Spreader And A Completely Redesigned Extra Heavy Duty Forage Harvester. You'll Also Want To Take A Look At The Recently Introduced Mini-Frame Loader. Or, If You're Interested In Round Bale Silage You Might Like To Hear Our Presentation And Review The Features Of Our New Round Baler.

A LOT TO SEE AND DO WITH SPERRY NEW HOLLAND AT THE PA. AG PROGRESS DAYS

Farm Women Societies

Lancaster Society 14

Lancaster Society 14 met at the home of Nora Herr on Wednesday, August 8.

The group held their annual auction where many foods, such as cakes, cookies, pickles and jellies and craft items were sold by auctioneer Anna Marie Groff.

An "Ocean Fling" bus trip to Ocean City, N.J. is planned for September 12th. Cost of the bus for members is $12.50 and for non-members, $14. An additional $5 fee for an optional boat ride will be collected in Ocean City. The bus will leave promptly from the Strasburg Mennonite Church at 7 a.m. Anyone interested in the trip should call Ellen Newswanger (394-4219).

The October meeting wil be held at the home of Mildred Herr. Members are requested to bring program suggestions to this meeting.

Lancaster Society 19

Members of Lancaster Society 19 toured the Landisville Ambulance Association building and facilities on Saturday, August 11. After their tour they were entertanined at the home of Marian Weaver.

During their regular business meeting, the group decided to give $300 to the county project which is the Water Street Mission and $200 to the Landisville Ambulance Association.

Berks Society 1

Berks Society 1 met recently at the home of Mrs. Martha Levan, Oley.

During their business meeting, the group discussed two sales. At one of these sales the women are responsible for baked goods and at the other for providing a refreshment stand.

The family picnic is scheduled for August 19 at Levengood's Grove, Douglasville.

(Turn to Page B30)

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
HETRICK FARM SUPPLY
(814) 275-3507
Also See Ad On Pages B24 & 25

BUCK TRACTOR PULLS..

EVERY SATURDAY NIGHT AT 7 P.M.

Featuring Tonight
MODIFIED TRACTORS
FRONT WHEEL DRIVE TRUCKS

REGULAR ADMISSION
Adults..... $6.00
6 to 12 yrs.. . $2.00
5 & Under..... FREE
* Does not include special events

LOCATION:
10 Miles south of Lancaster on Rt. 272
SEE YOU AT THE BUCK!

PRE-COOLING DOES MAKE A DIFFERENCE!

Stainless Steel

A difference in quality. Since Mueller introduced its Refrigerated Receiver more than two years ago, it's made some remarkable differences

Milk temperatures lowered from 95 to 40 degrees without agitation Improved butterfat Bacteria counts down to between 10,000 and 15,000 units. More efficient cooling. Easy to clean. Overall improved quality Enhanced taste and smell

Isn't it time for you to join the growing number of dairymen testifying to the improvement the Refrigerated Receiver has made in their operations!

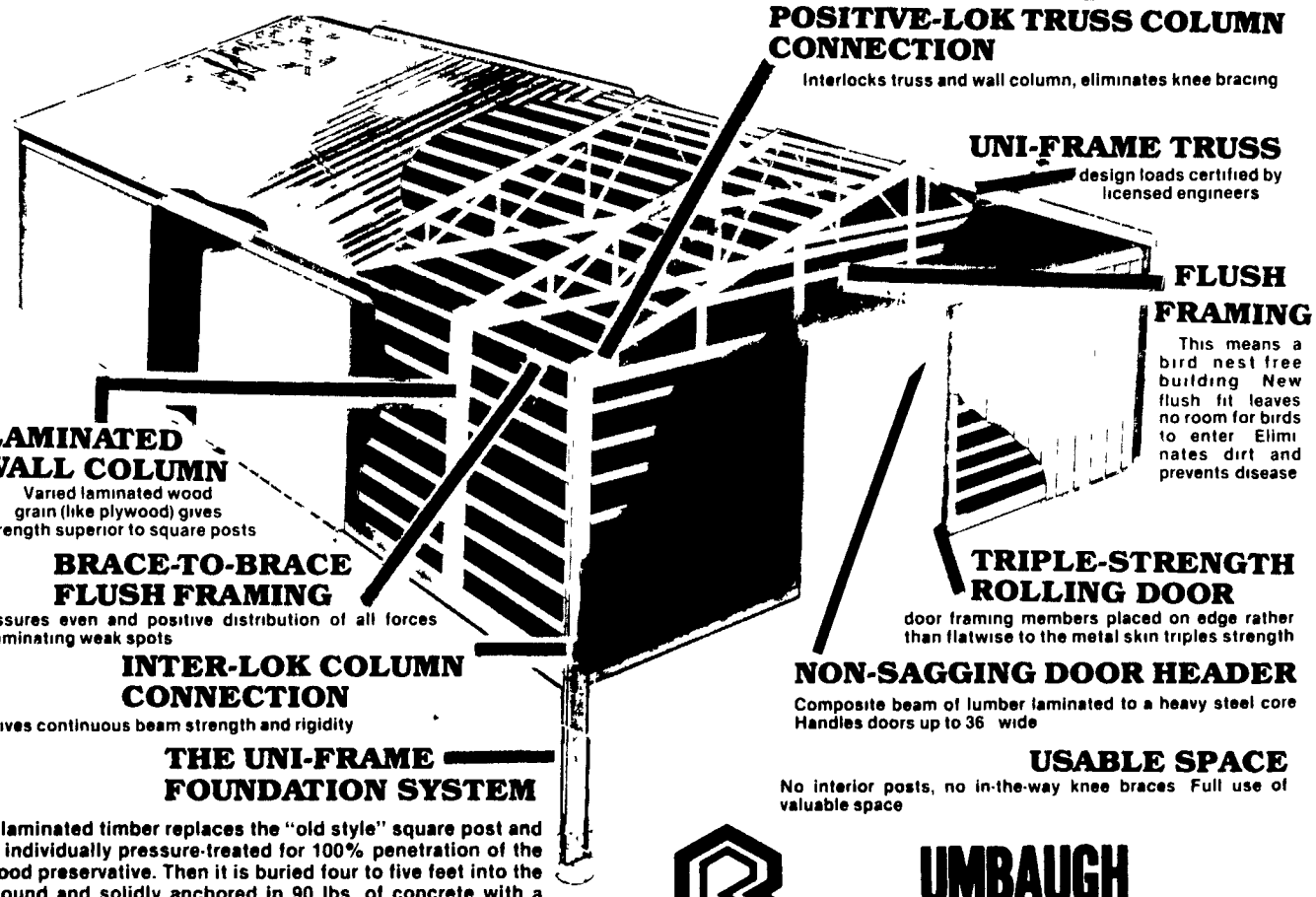
We Mueller distributors know the Refrigerated Receiver can make a difference in your operation, too. Just ask us how

• 3 Servicemen • 3 Service Trucks • 24 Hr. Service
Now Serving the counties of Northampton, Monroe & Lehigh in Pa. Also Sussex, Warren & Hunterdon Counties in NJ

K.C. DAIRY SERVICE
RD 2, Box 2332 Mt. Bethel, PA 18343
(717) 897-5141

BONANZA BUILDS STRONG
With Uni-Frame
"The Brand That Makes The Difference!"
Originators of the Uni-Frame Laminated Column Building System

See the Bonanza Building at the Umbaugh Building site during Ag Progress Days



POSITIVE-LOK TRUSS COLUMN CONNECTION
Interlocks truss and wall column, eliminates knee bracing

UNI-FRAME TRUSS
design loads certified by licensed engineers

FLUSH FRAMING
This means a bird nest free building New flush fit leaves no room for birds to enter Eliminates dirt and prevents disease

LAMINATED WALL COLUMN
Varied laminated wood grain (like plywood) gives strength superior to square posts

BRACE-TO-BRACE FLUSH FRAMING
Assures even and positive distribution of all forces eliminating weak spots

INTER-LOK COLUMN CONNECTION
Gives continuous beam strength and rigidity

THE UNI-FRAME FOUNDATION SYSTEM
A laminated timber replaces the "old style" square post and is individually pressure-treated for 100% penetration of the wood preservative. Then it is buried four to five feet into the ground and solidly anchored in 90 lbs. of concrete with a reinforcing steel rod. Reliable against uplift by wind pressure, protected against decay and insects.

TRIPLE-STRENGTH ROLLING DOOR
door framing members placed on edge rather than flatwise to the metal skin triples strength

NON-SAGGING DOOR HEADER
Composite beam of lumber laminated to a heavy steel core Handles doors up to 36 wide

USABLE SPACE
No interior posts, no in-the-way knee braces Full use of valuable space

AG PROGRESS SPECIAL
44'x96'x13'9 with two 22'x13'9 Endwall Doors, 196' of 2-ft. Sky Belt, Vented Ridge, Gutters and Downspouts
SALE PRICE $15,965
(Includes Materials, Tax and Labor)

BONANZA BUILDINGS
UMBAUGH Building Company
Call Toll Free:
1-800-842-2500

IN WESTERN PENNSYLVANIA:
Star Route 68 P O Box 1887
Butler Pennsylvania 16001
Phone (412) 482 2151

IN CENTRAL PENNSYLVANIA:
Rt 94 P O Box 284
New Oxford Pennsylvania 17350
Phone (717) 624 4112

IN EASTERN PENNSYLVANIA:
Chapman Road
RD 6 Box 627B
Allentown Pennsylvania 18106
Phone (215) 395 0777

VISIT US AT AG PROGRESS DAYS

ZOOK & RANCK INC.

100% ALL NATURAL/ORGANIC

Erth-Rite products are blended to produce healthy plants and good yields. This is the way to fertilize without the high cost of chemical fertilizer.

Erth-Rite products are blended to last the complete growing season without leaching away. They are conveniently packaged dry for ease in either drilling or spreading application.

Guaranteed to be chemical-free, safe and non-pollutant

Erth-Rite fertilizers are manufactured and distributed for farmers who are concerned about their environment and the food they produce.

- **Erth-Rite** (The Original) - Promotes nitrogen fixation and loosens clay soils, increases bacterial action.
- **Erth-Rite** "P" - Additional nitrogen and phosphorous replace potassium in Original **Erth-Rite** to give guaranteed analysis of 2-2-0.
- **Erth-Rite** "C" - A fully composted soil conditioner with guaranteed analysis of 3-2-2
- **Erth-Rite** "CP" - Additional natural nitrogen and phosphorous, guaranteed analysis of 2-2-1.
- **Erth-Rite** - Plus 3-15-2
- **Erth-Rite** Zorafos - For crops requiring additional phosphate.
- Nitro - 10 - Use wherever extra nitrogen is needed - nursery stock and vegetables.
- Granitite - All natural source of high grade potash, supplies numerous trace minerals.
- Jersey Greensand - Loosens compacted soil.
- Rock Phosphate - 32% through 72 mesh screen

ZOOK & RANCK, INC.
R.D. #1 Gap, PA 17527

Please send:
( ) Erth-Rite product information
( ) Dealership information

Name _____
Address _____
Town _____ State _____ Zip _____
Phone _____

ZOOK & RANCK, INC.
R.D. #1 Gap, PA 17527 **717-442-4171**

Farm Women

(Continued from Page B28)

The group has scheduled two trips, one to the Baltimore Harbor on October 16 and the other to Sight and Sound on November 10. Anyone interested in attending those trips may contact Ruth Walters.

Michele Harley, an area member of the Daniel Boone Cheerleading Squad, gave a slide presentation of her squad's trip to Dallas to participate in the natioanl cheerleading competition.

The group's next meeting is scheduled for 8 p.m. September 12 at the home of Mrs. Pearl Levengood.

Berks Society 3

Berks Society 3 and their families met on July 23 at Boyertown Community Park for a clambake.

On August 7 they traveled to Collegeville Inn for a smorgasboard lunch.

The August meeting is planned at the home of Jo Ann Pollock. A youth program is planned.

Berks Society 4

Berks Society 4 recently held their monthly meeting at the home of Esther Sheeler, Boyertown.

The group is planning to have a lunch stand at Snyder's Public sale on September 1.

The group elected a new nominating committee. They are: Edna Angelstad, Evelyn Becker, and Esther Sheeler.

Berks Society 7

Berks Society 7 held their monthly meeting at Kauffman's Bar-B-Que Ranch at Rehrersburg.

President Grace Deitz appointed Helen Schaeffer and Joanna Dreibelbis to the nominating committee.

The group gave a donation to the Conrad Weiser Student Loan Association.

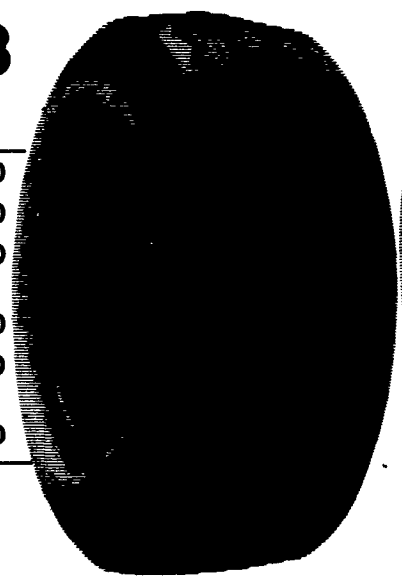
MUMMAU TIRE PROGRAM FOR 1984 AG PROGRESS

ARMSTRONG
WE GO THE EXTRA MILE

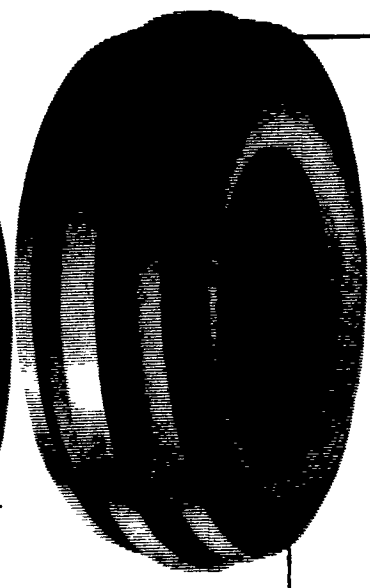
Loader-Dozer

11Lx15 8 ply -	$80.00
11Lx16 8 ply -	$92.00
11Lx16 10 ply -	$98.00
750 800x16 10 ply -	$80.00
11Lx16 12 ply -	$130.00
145 - 75 - 16.1 10 ply -	$225.00

Contractor F-3



Front Tractor



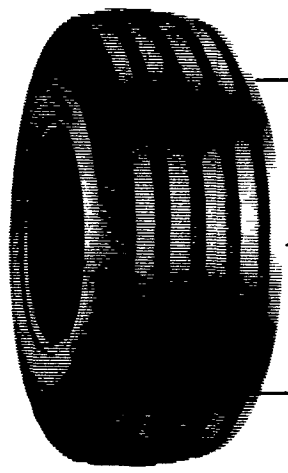
400-12...	$22.00
400-15...	$24.00
500-15...	$31.00
550-16, 4 ply	$33.00
550-16, 6 ply	$36.00
600-16, 4 ply	$37.00
600-16, 6 ply	$41.00
650-16, 6 ply	$42.00
75L-15, 6 ply	$50.00
750-16, 8 ply	$54.00
750-16, 6 ply	$50.00
750-18, 6 ply	$64.00
9.5L-15, 6 ply	$55.00
9.5L-15, 8 ply	$60.00
1000-16, 6 ply	$80.00
11Lx15, 8 ply	$75.00
1100-16, 8 ply	$110.00
14L-16.1, 8 ply	$160.00

★ TUBELESS ★

16.9x24 8 ply -	$265.00
16.9x24 10 ply -	$330.00
17.5Lx24 6 ply -	$240.00
17.5x24 8 ply -	$270.00
15.5x25 12 ply -	$320.00
17.5x25 12 ply -	$445.00

★ TUBE TYPE ★

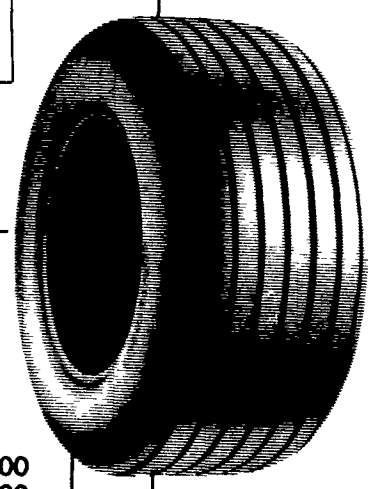
14.9x24 6 ply -	$200.00
14.9x24 8 ply -	$220.00
16.9x24 6 ply -	$220.00
16.9x24 8 ply -	$235.00
16.9x24 10 ply -	$280.00
17.5Lx24 8 ply -	$240.00
16.9x28 8 ply -	$260.00
18.4x28 10 ply -	$340.00
20.5x25 12 ply -	Call For Quote
23.5x25 16 ply -	
1300x24 10 ply -	$225.00
1300x24 12 ply -	$245.00
1400x24 10 ply -	$255.00
1400x24 12 ply -	$280.00



1100x16 12 ply tube type 135.00

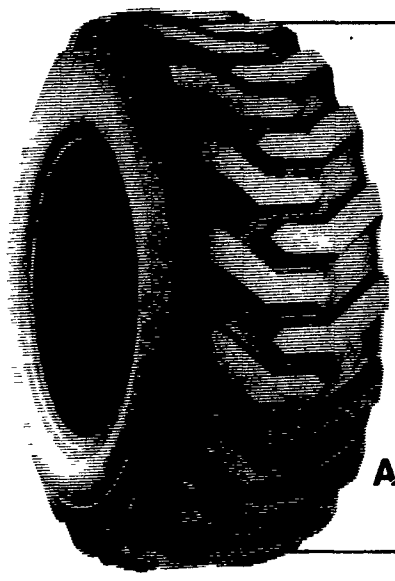
1100x16 12 ply tubeless 150.00

Wagon Tires



26 1200x12 4 ply -	49.00
8.5Lx14 6 ply	41.00
9.5Lx14 6 ply -	44.00
9.5Lx14 8 ply -	49.50
11Lx14 6 ply -	49.00
9.5Lx15 6 ply -	42.00
9.5Lx15 8 ply -	44.00
11Lx15 6 ply -	43.00
11Lx15 8 ply -	47.00

We Ship To You UPS!
• No Charge



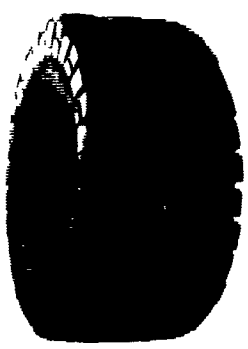
Skid Loader Tires

700x15 6 ply -	$65.00
750x15 6 ply -	$68.00
10-16 5 6 ply -	$80.00
12-16 5 8 ply -	$120.00
Steel Shield 10-16 5 6 ply -	$95.00

Above Tires Shipped To You FREE

11Lx15 8 ply tubeless -	$50.00
11Lx16 8 ply -	58.00
11Lx16 10 ply tubeless -	74.00
12.5Lx15 10 ply -	75.00
12.5Lx16 14 ply -	85.00
14Lx16.1 12 ply -	140.00
16.5Lx161 10 ply tubeless -	160.00

$5.00 OFF ABOVE WAGON TIRE PRICES



8.3x24	$95.00
9.5x24	112.00
14.9x24 6 ply	195.00
16.9x24 6 ply	210.00
18.4x16.1 6 ply	245.00
18.4x26 6 ply	340.00
11.2x28 4 ply	152.00
13.6x28 6 ply	225.00

Used Grass Tires In Our Stock

Ask About Our
4 Year Guarantee On Rear Tires
Strongest In The Country

We Install Tires On Your Farm

• Centre Hall • Williamsport
• Sunbury • Allentown
• North Penna. • New Jersey
• Northern Maryland

F.W.S. Calendar

Saturday, August 18

Lancaster Society 3 meets at 12:30 p.m. for a visit to the Mueller sisters at 2641 Willow Street Pike.

Lancaster Society 18 meets for a food and white elephant sale.

Lancaster Society 5 meets for a covered dish picnic. Husbands are invited.

Monday, August 20

Lancaster Society 30 meets for a program on herbs by the Herb Shoppe, Blue Ball. They will entertain Society 24 at the Farm and Home Center.

Lancaster Society 34 meets for a safety program by Trooper Edwards.

Tuesday, August 21

Lancaster Society 27 entertains Society 21 and county officers at Donegal Presbyternian Church for a salad luncheon at 6:30 p.m. Program by Inez Tomlinson.

Lancaster Society 12 meets for a craft day at Marian Glick's.

Thursday, August 23

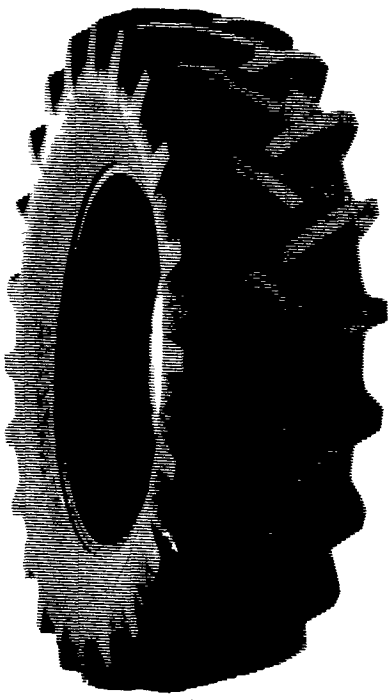
Lancaster Society 26 meets at 7 p.m. at Crown Kitchens in Leola.

Lancaster Society 28 meets for a program by Mim Ober on party foods.

MUMMAU TIRE PROGRAM FOR 1984 AG PROGRESS

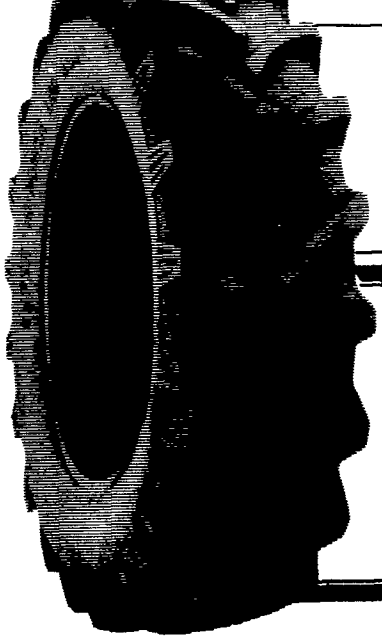
ARMSTRONG
FARM MUSCLE

Hi Power Lug



11.2x24	4 ply	100.00
14.9x24	4 ply	150.00
14.9x24	6 ply	165.00
14.9x24	8 ply	190.00
16.9x24	6 ply	190.00
16.9x24	8 ply	210.00
14.9x26	6 ply	172.00
18.4x26	6 ply	235.00
23.1x26	8 ply	525.00
11.2x28	4 ply	115.00
12.4x28	4 ply	130.00
13.6x28	4 ply	145.00
13.6x28	6 ply	160.00
14.9x28	4 ply	160.00
14.9x28	6 ply	175.00
16.9x28	6 ply	220.00
16.9x28	8 ply	240.00
16.9x30	6 ply	230.00
18.4x30	6 ply	270.00
23.1x30	8 ply	650.00
24.5x32	10 ply	750.00
16.9x34	6 ply	255.00
18.4x34	6 ply	299.00
18.4x34	8 ply	325.00
20.8x34	6 ply	459.00
20.8x34	8 ply	510.00
23.1x34	8 ply	689.00
11.2x38	4 ply	140.00
12.4x38	4 ply	168.00
13.6x38	4 ply	179.00
13.6x38	6 ply	198.00
14.9x38	6 ply	224.00
15.5x38	6 ply	225.00
16.9x38	6 ply	279.00
18.4x38	6 ply	325.00
18.4x38	8 ply	365.00
20.8x38	8 ply	510.00

Super Hi-Power Lug RADIAL

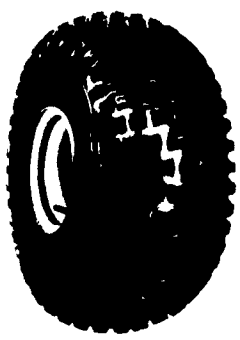


18R34 6 ply	$419.00
18R38 6 ply	535.00
18R38 8 ply	569.00
20.8x38 8 ply	650.00
20.8x38 10 ply	725.00

Special Deal On Mounting During AG Days Ask About It.

Small Rear Farm

750x20	4 ply	59.95
750x24	4 ply	64.95
8.3x24	4 ply	79.00
9.5x24	4 ply	84.00
11.2x34	4 ply	135.00
11.2x36	4 ply	137.00
12.4x36	4 ply	155.00
13.6x36	4 ply	189.00



22x11.00-8	$38.01
25x12-9	$54.71
18x950-8	$30.65

All Orders This Week Delivered Free To Your Farm
Over 250.00 - Under 250.00, Only Small Fee Extra

Route 230 West

MUMMAU TIRE

Mt. Joy, PA.

Serving Farmers In Penna. New Jersey Northern Maryland and Delaware

Out Of State 717-653-1260 In Penna. 1-800-222-1729

HESSTON FARM EQUIPMENT

1505 Agitator

Dimensions and Weights
Total weight — 840 lbs
Overall length — 221 (185)
Overall width — 39
Overall height — 37
Working depth — 102 (from ground level may vary from tractor to tractor)
Propeller dia — 22

Drive
Weasler L55 telescoping U joint assembly with 2 shear bolts

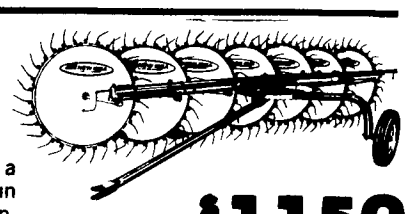
Tractor Requirements
3 point hitch — Category II or III Narrow (Category III Narrow requires reducing spacers in ball joints of lower lift arms)
Hydraulics — single remote outlet ASAE 6 inch stroke cylinder required (not furnished)
PTO — 540 rpm
HP — 65 PTO minimum

1505 PIT AGITATOR

Keep your pit or lagoon liquefied and spreadable with Hesston's Slurry Agitator.

SPECIAL $1150

AVCO® NEW IDEA



404 5-WHEEL RAKES

Get quality at a budget price rake a variety of widths fast and clean in smooth or uneven fields with a minimum of maintenance

Special $1150

ZIMMERMAN'S FARM SERVICE

Bethel, PA
Phone 717-933-4114

TREAT YOUR WATER SUPPLY AND INCREASE YOUR PROFIT

If your herd's water supply has high levels of nitrates, sulfates and/or bacteria your cows can not reach their full potential.

WE SPECIALIZE IN WATER TREATMENT ON DAIRY FARMS.

Our water conditioning methods reduce those robbing nitrates, sulfates, and bacterial to proper levels - resulting in improved herd Health - Milk Production - Butterfat.

YOU TEST THEIR FOOD— WHY NOT THEIR WATER?

Contact us for information on our proven installations, and a test of your water supply.

MARTIN WATER CONDITIONING

740 EAST LINCOLN AVE.
MYERSTOWN, PA. 17067

PHONE 717-866-7555

LOCAL CLASSIFIED ADVERTISING RATES

23c per word
3.00 minimum charge
Use This Handy Chart To Figure Your Cost

Words	1 Issue	3 Issues
13 or Less	3.00	7.20
14	3.22	7.73
15	3.45	8.28
16	3.68	8.83
17	3.91	9.38
18	4.14	9.94
19	4.37	10.49
20	4.60	11.04

KEYED ADS (ads with answer coming to a Box Number, c/o Lancaster Farming): 50 cents additional.

Ads running 3 or more consecutive times with no change billed at 20 percent discount.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

Lancaster Farming
P.O. Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164
Mon., Tues., Wed.,
8 a.m. to 5 p.m.
Thurs. & Fri.
7 a.m. to 5 p.m.

The following categories are available for your classified advertising in Section C Deadline- Thursday morning at 9 of each week's publication

- Farm Equipment
- Farm Equipment Wanted
- Silos and Unloaders
- Building and Supplies
- Grain Equipment
- Dairy Equipment

The following categories are available for your classified advertising, in Section B. Dealine- Wednesday afternoon at 5 of each week's publication.

- Livestock Equipment
- Cattle
- Horses & Mules
- Sheep & Goats
- Swine
- Artificial Breeding
- Hog Equipment & Supplies
- Poultry & Supplies
- Feed & Seed
- Fertilizer
- Plants
- Fruits & Vegetables
- Nursery
- Lawn & Garden
- ☐ Recreational Vehicles
- ☐ Services Offered
- ☐ Custom Work
- ☐ Help Wanted
- ☐ Situations Wanted
- ☐ Business Opportunities
- ☐ Household
- ☐ Pets
- ☐ Lost
- ☐ Found
- ☐ Computers
- ☐ Notice
- ☐ Miscellaneous
- ☐ Autos
- ☐ Trucks and Trailers
- ☐ Real Estate

LIVESTOCK EQUIPMENT & SUPPLIES

TAPERED BOARD FEEDERS, double chain, wooden conveyors, custom built, since 1965, for cattle and hog feeding systems. Glasbord trough liners, 4x40, cut to length. Martin Rissler, Stevens, Pa. 215-267-2244

FA

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
FINCH SERVICES
(301) 848-7211
Also See Ad On Pages B24 & 25

BUY, SELL, TRADE OR RENT THROUGH THE **CLASSIFIED ADS**

PHONE: 717-626-1164 or 717-394-3047
Mon., Tues., Wed. 8 AM to 5 PM - Thurs. & Fri. 7 AM to 5 PM

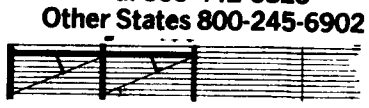
LIVESTOCK EQUIPMENT & SUPPLIES

KENCOVE "NEW ZEALAND STYLE"

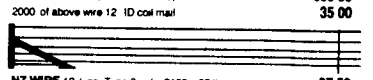
HIGH-TENSILE FENCE

NON-ELECTRIC OR ELECTRIC
STRONG • LASTING • ECONOMICAL

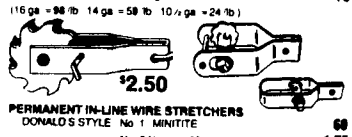
Pa. 800-442-6823
Other States 800-245-6902



USA WIRE 12 ½ ga Type 3 galv 4000	75 00
10 Coil 4000 wire (same as above)	650 00
2000 of above wire 12 ID coil mail	35 00

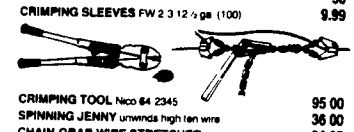


NZ WIRE 12 ½ ga Type 3 galv 2180 55 lb	37 50
A1 Wire 12 ½ ga Type 3 galv ½ mile 58 lb BEST!	44 00
NZ WIRE 35-45 lb coils All High Tensile	75
(16 ga = 96 lb 14 ga = 58 lb 10 ½ ga = 24 lb)	

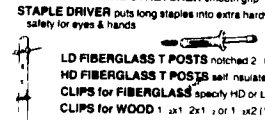


$2.50

PERMANENT IN-LINE WIRE STRETCHERS	
DONALO'S STYLE No 1 MINITITE	60
No 2 New in 1984	1 75
HAYES STYLE (with aluminum cog spool)	2 50
HAYES HANDLE required to use above	5 95
SPRINGS galv 225 lb = 1 ½ compression	4 00
BRACE PINS galv 4 inch	25
9 inch	50
CRIMPING SLEEVES FW 2 3 12 ½ ga (100)	9.99



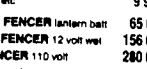
CRIMPING TOOL Nico 64 2345	95 00
SPINNING JENNY unwinds high ten wire	36 00
CHAIN-GRAB WIRE STRETCHER smooth grip	24 95
STAPLE DRIVER puts long staples into extra hardwood safety for eyes & hands	18 50



LD FIBERGLASS T POSTS notched 2 OC 5 ft	32
HD FIBERGLASS T POSTS self insulated 5 ft	60
CLIPS for FIBERGLASS specify HD or LD (100)	3 50
CLIPS for WOOD 1 ¾x1 2x1 ¾ or 1 ¼x2 (100)	5 00

INSULATORS

WRAPAROUND INSULATORS easy Ends + (10)	7 50
DOUBLE U INSULATOR for big posts (20)	7 50
4 TUBE INSULATOR for 12 ½ ga Pail (200)	10 00
DOUBLE NAIL PIN ON INSULATOR Pail 81 (50)	15 00
STAPLE INSULATOR channel lock Pail 82 (100)	18 00
VOLTMETER DIGITAL READOUT Speedrite	69 00
ELECTRIC FENCE WARNING SIGNS plastic	70
SLINKY GATE electric 2 to 20 ft gate	7 50
30 ft. INSULTUBE Pail 32 for 12 ½ ga	6 00
UNDERGROUND CABLE 330 ft	35 00
CUT-OUT SWITCH stainless steel	6 50
ENERGY LIMITER for bottom wires etc	9 90



PEL PE6 PORTABLE FENCER lantern batt	65 00
PEL PE12 BATTERY FENCER 12 volt wet	156 00
PEL 100 POWER FENCER 110 volt	280 00
Powers miles of heavily weeded fence	
LIGHTNING ARRESTOR Twin Tower kit	3 50

HOT TWINE 6 Stainless wires Double Life	
For portable fencing 660 ft	11 90
1650 ft	29 75
HOT TAPE ¾ 5 wire Visable 660 ft	25 00
Electric Twine 3 stainless wires 660 ft Limited	5 95
PEL REEL use w HOT TWINE portable	23 00
PEL TRIPLE REEL rewind 3 Twine at once	96 00
FIBERGLASS ¾ ROD POSTS Portable 5 ft	32
Attachment for above spring grip wire	10

FREE DELIVERY! Up to 10% of prepaid orders applied to shipping VISA, MASTERCARD and UPS-COD - only 5% allowed for shipping Other payments after goods leave Blairsville = all freight extra Shipping immediately normally UPS FAST DELIVERY

KENCOVE

R D 1 Box 111
Blairsville Pa 15717
Phones 412 459 899

Your Direct Route To High Tensile Fence Supplies

Kencove can also install fences

COUPON

HORSE - CATTLE - FLATBED TRAILERS

Over 150 NEW Models In Stock In 10 Brands

NEW UNITS

2 Horse Extra Wide Thoroughbred Deluxe w/4 Wheel Brakes, Bus Windows, Spare Tire, Rain Doors — $2895
2 Horse Thoroughbred Gooseneck, Fully Enclosed — $3495
4 Horse Gooseneck w/Side Load & Dressing Room — $7500
16 ft. x 6 ft. Bumper Stock — $2295
16 ft. x 6 ft. Gooseneck Stock w/½ Nose — $2950
16 ft. x 7 ft. Bumper Stock — $3250
16 ft. x 7 ft. Gooseneck Stock w/Full Nose & Wood Lined — $3750
16 ft. Flatbed w/Tandem Axles, Brakes & Ramps — $1295
20 ft. x 8 ft. w/Dove Tail, 7 Ton GVW — $2350
20 ft. x 8 ft. w/Dove Tail, 9 Ton GVW — $3500
20 ft. x 8 ft. w/Dove Tail, 12 Ton GVW — $3975

USED UNITS

Rice 2 Horse Front Unload — $1000
Russler 2 Horse - Stock Combination — $1500
Valley Gooseneck Stock — $2350
Valley 24 ft. x 7½ ft. Gooseneck Stock — $3750

Trade-ins Accepted
We Also Carry New Farm Machinery — Pipe Gates — Plywood
New and Used Chevy Trucks Equipped to Handle Your Loads
Free Delivery to New Holland
Open 9 to 6, six days a week — CLOSED THURSDAY

LUX STABLES — Jesse R. Austin, Distributor
10214 Lanham Severn Rd., Lanham, Maryland 20706
(301) 464-2574

AUGUST DISCOUNT COUPON
$50 CASH REFUND
with the purchase of any new trailer
Limit One Per Customer. Offer Ends 8/31/84

HIGH-TENSILE FENCE SYSTEMS

VERSATILE FENCING
FOR PASTURES, FEEDLOTS,
GRAIN FIELDS AND
EVEN ORCHARDS

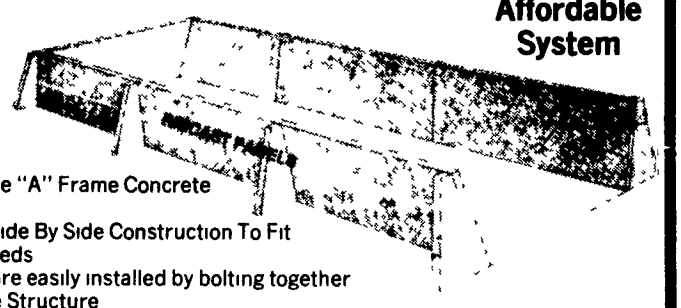
The system features Max-Ten® 200 wire from U.S. Steel Corporation strung on posts pressure-treated by Koppers Company. Together they provide long spans, minimal hide damage, extended service life and low maintenance.

West of Harrisburg	East of Harrisburg	Maryland
Summit Fencing Systems	**Farm Fence Systems**	**Deer Creek Fencing**
Frank B. Otto Route #1 Box 121B Breezewood, PA 15533	Kerry Hess RED 2 Box 133E Vinemond Rd. Reinholds, PA 17569	833 Priestford Rd. Darlington, MD 21034
814-735-3293	215-775-1589	HAL 301-836-2773 Steve 301-836-3429

Professionally Trained in a
KIWI-HFT SYSTEM Contractors School

Trench Silo

The Affordable System

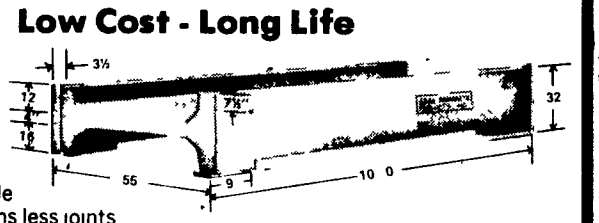


Features:
- Exclusive "A" Frame Concrete Support
- Allows Side By Side Construction To Fit Your Needs
- Panels are easily installed by bolting together
- Movable Structure

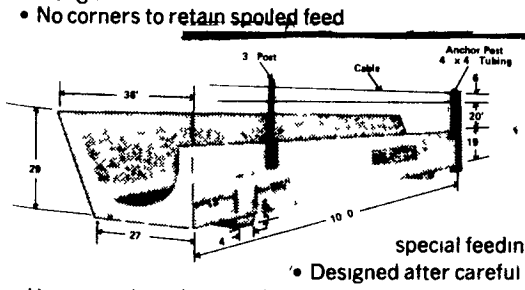
"H" and "J" TYPE FEED BUNKS

Low Cost - Long Life

"H" TYPE FEATURES:



- Large Capacity
- The right height for large and medium sized cattle
- Ten ft length means less joints
- Movable - for future expansion
- More than strong enough to support roof system
- Feed conveyor easily suspended from Feed Bunk roof, allowing clean sweep of trough
- No corners to retain spoiled feed



"J" TYPE FEATURES:

- Medium capacity for smaller herds.
- Feed your cattle with your chuck wagon No special feeding equipment required
- Designed after careful study of feeding problems
- Heavy steel reinforcing - for strength
- Movable - for future expansion
- Vibrated Concrete - for quality
- No corners to retain spoiled feed
- Long sloping trough back helps save feed

* No discount on freight charges

AGRI CONCRETE PRODUCTS

SEE OUR DISPLAY AT AG PROGRESS DAYS
LOC: WEST 3rd ST.
RD 2, Box 147
Middleburg, PA 17842
Plant (717) 837-3885

FOR SALE
SAWDUST & SHAVINGS
Bags & Bulk
ED VOGT & SON
Medford, NJ
609-654-7489

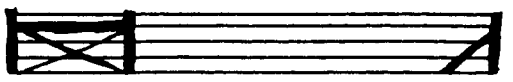
Moorman Mfg. Co. Top-Kream Dairy Minerals to fit your forage. For Service 717-597-3031.

Stockmaster weathervain mineral feeder, $60; Blocking chute, $175; Sunbeam clipmaster clipper, $60; 1 ton feed bin, $50. 215-935-2169.

For Sale - 10 foot cattle bed in good shape. Best offer. 215-932-2156.

SAVE! "HIGH TENSILE FENCE"

Electric and Non-Electric



WIRE:	12½ gauge 4000'	$73.00
	14½ gauge 6640'	$79.00
	15½ gauge 8600'	$79.00
Permanent Wire Stretchers		
	Inline Non-Insulated	$2.50
	End Post Insulated	$2.80
	EZE Way Inline	$2.10
Insulators:		
	Wood Post Pin Lock (50)	$16.00
	Wood Post Angle Entry (50)	$10.00
	Steel Post Pin Lock (50)	$15.50
	Watershed Staple (200)	$40.00
	O Type Porcelain (10)	$1.90
	Insulating Tube 100' Coils	$14.50
	Buriable Cable 14 gauge 500'	$51.50
Switches:		
	Double Pole Double Throw	$4.45
	Single Pole Double Throw	$3.00
Fiberglass Posts:		
	Heavy Duty T Posts 84"	$6.12
	Light Duty T Posts 72"	$2.27
	Heavy Duty Fasteners (50)	$2.10
	Light Duty Fasteners (50)	$1.50
Permanent Energizers:		
	Shock Tactics® Model 100	$325.00
	Shock Tactics® Model 50	$225.00
	Shock Tactics® Model 40	$175.00
Portable Energizers:		
	Shock Tactics® Model 121	$162.00
	Shock Tactics® Model RPI	$170.00
	Strip Grazer Model	$98.00
	- Solar Units Available -	
Portable Fence:		
	Flex Net For Horses And Calves (150')	$89.00
	Super 6 Livestrand 660'	$12.00
	Super 6 Livestrand 1320'	$24.00
	Super 6 Livestrand 1980'	$37.00
	Super 9 Livestrand 1980'	$45.00
	Portable Reel (holds 1980' of Livestrand)	$19.50
	Portable 3 reel Combo	$72.00
Fence building Tools		
	Spinning Jenny Wire Dispenser	$75.00
	NicoPress Tool	$99.00
	Nico Press Sleeves (12½g)	$12.00
	Nico Press Sleeves (14½g)	$9.00
	Post Puller	$39.50
	Post Driver	$39.50
	Electric Fence Sign	$ .80
	Offset Brackets (10)	$1.20
	Gate Handle	$3.40

Many Additional Items Available On Request
For More Information and Free Catalogue
Call Collect (201) 577-0862
OR write to
FEENIX U.S.A. INC.
35 Court Street, Freehold, N.J. 07728

PEANUT HULLS

Bulk or Bagged
Prompt and
Courteous Service
NAAMAN EBERLY
Lancaster, PA
717-299-3001

WOOD SHAVINGS

*** * KILN DRIED * ***

Don't be caught short this fall!
Call now for delivery of bagged, baled or bulk wood shavings & sawdust.
A quality bedding material at an economical price.

PENN AG. PRODUCTS, INC.

PENN AG PRODUCTS INC.
403 S. Custer Ave.
New Holland, PA 17557
717-354-4174

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

wic
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
W & J DAIRY SALES
(717) 529-2569
Also See Ad On Pages B24 & 25

1934 — **ZOOK MOLASSES CO.** 50 Years Of Service — Honey Brook, Pa. — 1984

IMPROVE FEED PALATABILITY AND PROFITABILITY BY USING LIQUID AND DRY MOLASSES PRODUCTS IN YOUR FEED FORMULATION FOR ANIMALS FROM ZOOK MOLASSES CO.

- **Liquid Feeding Cane Molasses**
- **Liquid Molasses Blends**
- **Honey Brook Brand Dried Molasses - 50 lb. Bag**
- **Z Brand Dried Molasses - 50 lb. Bag**
- **Honey Brook Energiblock - All Natural 20 - No. Urea**
- **Energiblock - Hi Protein 36**

ZOOK MOLASSES CO.
West Main St., Box 160
Honey Brook, PA 19344
PH: 215-273-3776 or 717-393-3987
Call toll free in PA: 800-662-7464

FOR SALE.....
SAWDUST
Dry - Fresh Cut - Cured
SHAVINGS
Bulk Loads
SAWDUST AND SHAVINGS MIXED
Discount given for Quantity
TAN BARK
Fresh or Cured

RB TRUCKING
Ronald Bowersox
717 - 444 - 3572

FACTORY SECONDS!! Schuld/Bushnell galvanized smooth wall hopper feed tanks. Only 7 ton sizes left. Call or stop in and see them. Loucks Grain Equipment Inc., 717-755-2868.

New Product From Texas:
Galvanized steel rail fence for horses, etc.

Call
Rode Fence Co.
717-393-3933
for details. Many other styles of fencing available

FOR SALE
Complete Registered Holstein Herd
18 Milk Cows
6 Bred Heifers
8 Heifer Calves
B.A.A. 105
All AI sired & bred to popular sires.
York Co.
717-792-2886

Baled Wood Shavings
Kiln dried, in easy to handle 4 cu. bales. Discount for large orders.
We deliver or you pick up
William Beam
Morgantown, PA
215-286-9579

CATTLE

6 Holstein grade heifers, due in August and Sept. Melvin K. Fisher, 25 Quarry Rd., Paradise, Pa. 2 miles south of Paradise.

Small registered herd of black angus. Call after 4 PM. 301-271-3184.

Jersey Bull Ready to Work. Sire Chocolate Sundae. Dam - 10,877 projected milk. Test 7.1%, very good disposition. 609-358-2033.

FOR SALE - 31 Registered & 8 Grade Holstein cows, plus 8 good bred heifers. Herd average 17,000 lbs. milk, 660 lbs. fat, good young herd. Lanc. Co. 717-656-8052.

FOR SALE - Bull born 3/8/84, Sire Sterk Raijon, dam very good, 86 w/excel. memory, milked 97.5 lbs., 2nd & 3rd dams very good and excel. 215-286-5080.

For Sale - 7 Holstein heifers due in August, tested 7-30-84, ready to go, AI bred, more Sept.-Nov. Leb. Co. 717-273-3679.

For Sale - 38 holsteins. Various stages. Certified and accredited. Call after 7 PM. 215-488-6803.

55 grade holstein heifers with size and type. Will deal. Financing available. 717-548-2059.

Beefalo advantages from registered purebred and percentage bulls and females. One animal or custom packages priced for partial dispersal - Now - from Chenango Beefalo, Greene, NY. 607-656-8416/648-3933.

REG. HOLSTEIN SERVICE AGE BULLS
All are sired by the top A.I. bulls of the breed. Many from high record dams, all bulls are home raised w/a large selection to choose from. Call John Barley, Star Rock Farms. 717-872-4058.

Grade dairy herd for sale. Approx. 80 head. 40 milkers. Balance calves through bred heifers. Accredited, certified, DHIA records. 717-596-3179.

FOR SALE - Registered polled Hereford cows, calves, steers, bulls. Reasonable. 215-647-2787.

14 Holsteins just fresh, milking 45-65, young and good type--MUST SELL, $850. 717-263-5702.

SPRINGING VACCINATED HOLSTEIN HEIFERS: 2 registered and 6 grades. Mifflin Co. Phone 717-899-6893.

HOME GROWN 70 HEAD HEREFORD, CHAROLAIS FEEDERS - 600-1,000 lbs. 412-329-8604, after 6 PM, 412-329-5325.

For Sale - Registered and Hi-grade holsteins out of 18,000 pound herd average. Bradford County. 717-673-5991.

FOR SALE - Small Jersey Herd (41) - 7 Registered; 21 purebred and grade cows; 8 bred heifers due soon; 4 heif. calves; 1 bull calf. 609-261-4139 6 PM - 9 AM.

For Sale - Holstein herd, 58 head freshening year around. Susquehanna County. 717-222-3398.

WANTED - 20 Steers between 450 and 650 lbs. Call after 6 PM. 717-354-9579.

For Sale - Purebred Black Angus Bull, out of Cracker Jack Baros, born in Girard, Illinois, bull now located in NJ, 2 yrs. old, long, tall and very modern, ready for service. 201-747-6760 after 8 p.m. evenings and before 9 a.m.

8 Big, Bred Holstein heifers, 6 are vaccinated, due in Sept. and early Oct., tested 7-20-84, ready to go. Lancaster County. 717-738-1759.

Service Age Tradition Son. Dam - Apollo Rocket 365 d. 28,000 m. 1,008 f./C.I. + 619 reasonable. Call 717-263-5945. Franklin Co.

For Sale - 15 Springing Heifers. 717-224-4688.

For Sale - Feeder steers. Chianina and angus cross. Make 4-H club calves. Call 301-758-1257.

Wanted - herd of 30-35 registered or good grade Holstein dairy cows. Bedford County. 814-793-4490.

For Sale - 20 ready to breed Holstein heifers, good quality. 717-665-5739.

For Sale - open heifers Holstein. Jacob K. Miller, RD 3 Box 377, Quarryville, PA. 17566.

For Sale - Holstein dairy, 32 cows, 2 bred heifers, 14 open heifers, 8 started calves. 914-887-4314.

For Sale - Four registered Holstein cows. Three fresh, one springer, No Sunday calls. $1,000.00 each. 717-966-2036.

SALE - 35 Registered Holstein Cows. Many just fresh. Coredale Farm, York Co. 717-259-9260.

We always have excess cows to sell, all stages of lactation, reasonable prices. Pen Mar Farms, Hanover, PA. 717-632-0572.

For Sale - 2 year old Valiant son. Dam and grandam have 20,000 lb. records. Elverson. 215-286-9417.

For Sale - 8 registered holstein heifers, AI sired and bred from over 18,000 lb. herd. Big and sharp. Due from end of August to end of January. Calf hood vaccinated. Want to sell as a group. 717-463-2842.

For Sale - 5 Guernsey cows, 2 due in August, registered and DHIA records, 2 bred heifers. 717-428-1063 after 6 PM.

58 Registered and High Grade Holsteins w/17,500 M/635 F, RHA, you pick any 30, 40 or 50 head. Reasonable. 215-683-5189.

15 Large Holstein heifers due August 27 thru September. Artificially sired & bred AI. Health charts mostly vaccinated. Blair Co. Floyd Baker. 814-695-3418.

For Sale - 9 holstein heifers. Open and ready to breed. 301-822-5841.

For Sale - Registered holstein heifers and grade cows. Just fresh, records over 19,000. Overstocked. 717-867-2489.

Registered holstein bulls for sale. Service age, good records. Certified and accredited. Southern Lancaster County. 717-786-3591.

For Sale - Herd of 40 large holstein cows on DHIA test. Average 59 lb. per day. AI breeding. Also group of springing heifers. Call 301-358-0416 between 7 & 9 AM.

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free delivery. Reuben Greenberg, Inc., Columbus, New Jersey 08022. Phone 609-298-1021."

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

LEASE QUALITY DAIRY CATTLE
Various plans available.
Call or Write:
Dairy Farm Leasing
1700 Dupont Ave. South
Minneapolis, Minn. 55403
612-377-1489

Wanted - Herd of dairy cows or heifers, 301-358-0412.

For Sale - Guernsey cows and heifers, some fresh and some due soon, 215-696-1387.

DAIRY CATTLE LEASING - Our #1 priority real-top-quality cows to make money for you, the farmer, and for us! Call for details. 607-776-3478. D.H. Rumsey, Bath, N.Y.

For Sale - 8 open Holstein heifers ready to breed. 301-833-1847.

For Sale - 25 registered holstein cows. Rolling herd average 18,118/4.1/735F at over 20,000 milk. Up to 26,700. 1/1160 F. 7-83 bull out of 1160 fat cow. All cows calf hood vaccinated. Enjoyment Farms. 814-926-3669.

ANGUS BULLS BIG - yearlings on grass ready for work. Logan Spring Farm, Bellwood, PA. 16617. 814-742-8097.

Registered polled Hereford yearling bull. Enforcer-Newtrend bloodlines. Halter broken, gentle. $600. 215-756-6011.

FOR LEASE
Will lease to good farmers 1st calf heifers w/option to buy
Write: Sunrise Farms
Box 145
Codorus, PA 17317

WANTED
Registered Holstein heifers, Springing Heifers, Bred Heifers, Breeding age Heifers.
717-394-5573
after 5 P.M.

Registered Guernsey bull, breeding age Excellent pedigree Sire is Big Tex Dam - VG with 2 records over 21,000 lbs of milk and 900 lbs of fat Gold Star dam Lifetime - 188,000 lbs milk, 8,200 lbs of fat Grand dam VG with 22,000 lbs milk and 1 000 lbs fat Lifetime over 100,000 lbs of milk and 5,000 lbs of fat Next dam Lifetime also over 100,000 lbs of milk
215-987-3697

Service age registered Holstein Bulls by Pete, Star, Astronaut, Glendale, Chief and others.
Dams classified Very Good with records over 29,000 lbs. milk and 1195 lbs. milk fat.
STUMPLAND FARM
215-488-1965

FOR SALE - 26 good dairy cows. 717-833-2540.

2 grade and 3 registered Holsteins due August to September. Milk records to 21,000 lbs.
717-653-5344

FOR SALE SIMMENTAL CATTLE
By Top A.I. Sires
Performance Tested and Registered
State Certified Herd
ACHILLES CATTLE CO.
SEMEN DISTRIBUTOR
Edward Pierce
R.D. 2
Neshanic Station, NJ
201-369-4039

COWS TO LEASE
Top Quality Registered Holsteins to qualified dairy farmers. Increase your milk production; increase your cash flow. 40/month/cow, cow & calf purchase options. Call:
DIVIDEND LEASING CORPORATION
(717) 297-2020
Melvin Peifer (717) 673-5684
Roy Simpson (717) 549-4762

Wanted To Buy
Registered Holstein Heifers, any age.
Write to **Abraham S. King**
139A Colonial Rd.
Gordonville, PA 17529
or call **717-656-7486**

ATTENTION DAIRYMEN - ALWAYS AVAILABLE
Large selection of high producing registered and grade Holstein first calf heifers and cows
Terms: Cash or short term credit Also, our very popular lease plan
All health precautions taken
If you need a new herd additions, or replacements call or write
M. BARMANN & SONS, INC.
P.O Box 437
New Hampton, N Y 10958
(914) 343-6875 Days - (914) 343-8381 Nights
ENTIRE DAIRIES BOUGHT & SOLD
Please Inquire About Our New Dairy Listing Service

3 IN 1 SALE
Group of 12 Registered Polled Hereford Cows w/ calves at side & rebred. Calves by Graystone Engraver, national class winner & grand champion 1983 Harrisburg Farm Show. Rebred to same sire. Certified & accredited herd.
PRICED TO SELL
As a group or separately.
Call **Richard Strickland**
LuRose Estates Farm
301-733-7468

THANK YOU to all the POLLED HEREFORD enthusiasts who purchased our 1983 calf crop which is now completely sold.
OUR 1984 CALF CROP is by 445M, HOTLINE, 75J, U81, and MSU PROSPECTOR 508.
FALL CONSIGNMENTS to the Maryland Red, White and blue sale October 6 include a 75J daughter bred to 508; A Hurrah daughter bred to J3-212 and an exceptional 445M show heifer prospect.
OUR COW HERD by 849-326, VINDICATOR, J3-168, HURRAH and 75J is bred to ROCKY BANNER, HOTLINE, J3-212, 452M, and 508.
COMPARE our pedigrees, performance, and prices with similarly bred POLLED HEREFORDS in the upcoming sales. If any of our cattle fit your needs we will be pleased to sell them to you.
SINCERLEY:
Richard C. Price
Star Rt. 2 Box 145
Harrisonville, Fulton Co.
Penna. 17228
Phone: 717-987-3395

HORSES & MULES

FOR SALE
American Saddlebred Horses
Carriage & Buggy Horses

SPECIAL
Load of American Saddlebred Horses
from Kentucky
from Don Boring Stables
Will be sold at New Holland Sales Stables
on Monday, August 27
12 Noon

Horses Will Be Hitched At Farm
Thursday, August 23 & Friday, August 24 PM
Don Will Hitch Horses At New Holland Sales Stables At 9 AM Mon., August 27
Farm is located 1 mile north of Bareville on N. Hershey Ave.

J.Z. NOLT
R.D. 1 Leola, Pa. 17540
717-656-9711

JEN-AIR ACRES

Breeder of Show Quality Quarter Horses
At Stud -
Bueno Call &
Bar Steeley Bar
Stop by & pick out your winner!
R.D. 2, Box 179
Berks Co.
Bernville, Pa. 19506
215-488-6914
or 488-7131

Moorman Mfg. Co. Gro-Strong horse minerals. For Service. 717-597-3031.

For Sale - Black Percheon Stud Colt with star, 13 mo. old Chelesa Bob and Yorellea Jan breeding. 814-466-6526. Centre Co.

Ponies For Sale. Phone 717-768-8080.

Registered Belgium Stud - 2 years old. Beautiful tan and white. Best offer. Call 609-758-7378.

Tennessee Walkers, $500-$1,800, show, pleasure & field trial. 717-359-9237.

For Sale - Registered Quarter Horse Poco Bar Zip and Poco Bueno breeding Field Hunter and Jumper, 14.1 hands, excellent 4-H horse, professionally trained, $2,500. Blair County. 814-696-0868.

For Sale - 3 American saddlebred horses. All driven on road with heavy traffic. 1 bred mare. Very quiet. Broke for women. 215-445-6298.

½ Arabian, ½ Quarter horse, registered mare, chestnut, 14-2½, English, Western pleasure, $600.00. 215-534-1634. Must sell.

2 registered Belgium mares, 4 year old dark Sorrel, $1,200; 16 year old chestnut, $800. Both in foal for spring of '85. Aaron J. Steicher, Millersburg, PA. 17061. 717-692-4009. Evenings.

FOR SALE - 3 Registered Belgians, 1 good brood mare, her 2 year old & yearling fillies. All Gentle. Mare well broke & in foal. Orndorff Breedings. $7,200 for package. Will sell separately. Also, Thoroughbred yearling, track or show. 215-847-2403.

CATTLE

Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat. Stump Acres 717-792-3216 York County.

Horseshoeing, saddle/draft. 717-627-1678.

For Sale - Big 2 year old, registered black Percheron stallion. Broke and sound. 717-354-9370.

Registered Appaloosa mare, 3½ years old. Good for the experienced riders 215-926-5209.

SHEEP & GOATS

For Sale - Quality Purebred Yearling Rams, ½ brothers to these Rams placed 1st and 3rd at 1983 Pa. Yearling Ram Test. Affordable prices. Lauden Acres. 717-758-6284.

Moorman Mfg. Co. Special sheep minerals. For Service 717-597-3031.

FOR SALE - Registered Suffolk rams. 3 yr. old Pensoneau, will trade 1 yr. old ram lambs. Berks. 215-777-5238 or 777-3222.

Purebred Nubian and French Alpine Stud Service available. Call 717-258-6191. Carlisle Area.

FOR SALE - 3 year old registered Polled Dorset ram, from Rutgers flock, sired by Statesman 004, $150. 609-861-2696.

Suffolk 2 yr. old ram. Proven sire. Lambs gain 1 lb./day to 90 days. Guaranteed breeder. 301-489-4300.

Registered Dorset ram, 3 years old, good breeding. Excellent twinner, $125. Call 717-486-3914.

Polypay Sheep For Sale - registered and certified twins, triplets, from twins or better. Yearling ewes, rams lambs and ewe lambs. Chester County 215-269-6967.

Nice flock of 25 white faced ewes, 1 registered Suffolk ram, $1,000 Southern York County. 717-993-2829 evenings, weekends.

SWINE

DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U.S. Par-Kay Farm, Park F Thomas, Beavertown, Pa. Phone 717-658-6544.

Duroc boars and gilts, growthy, rugged, meat type from show winning breeding, raised on concrete. Pseudorabies free herd, brucellosis validated. Clyde McConaughey, Smicksburg, PA. 16256. Phone 412-286-9671.

For Sale - 6 month old boars York Landrace cross York Landrace Hampshire cross purebred York, pseudorabies brucellosis reg. herd. Warren Nolt 717-656-9764.

For Sale - (1) Mature Age Registered Spot Boar, (2) late March 1984 Boars, (1) Spot, (1) Duroc, also crossbred feeder pigs 814-832-2162.

BROOKS END FARM BOARS

Win PA Test Statin Again

You can buy a first prize tested boar

Wednesday, August 22
6:00 PM
At State College Test Station

4 Yorkshire boars won this station record over all breeds. Top indexing pig score 154; 136 days to 230 lbs. Average daily gain, 2.55; Feed efficiency, 2.49; Back fat, .75; Loin area, 4.54; Lean cuts, 6173. Sired by our Scottland imported "King David".

Something different anyone can use.

BROOKS END FARM
Reno H. Thomas
Mark L. Stehr co-owners
Beavertown, PA 17813
Phone: 717-658-5821 Reno
717-658-7007 Mark

FALL PRODUCTION SALE

Hampshires and Crossbreds
SEPT. 21, 1984
6 p.m.
Lebanon Fairgrounds
Lebanon, PA
Boars, Open & Bred Gilts
Blue Mt. View Farms
Charles & Carl Bomgardner
Rt. 3, Box 604
Annville, PA 17003
Phone
717-867-2890 (Charlie)

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested, Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, R1 Box 221, Strasburg, PA. 17579. 717-786-2562.

FOR SALE - Registered Boars and Gilts. (GDF Kaw-Liga and Ark 11-2) are grandsires. Brucellosis and Pseudorabies free herd. 215-562-8766 after 6 PM.

For Sale - Purebred Yorkshire boar out of productive herd breeding age, $200. Call 215-445-4541.

FOR SALE - Chester white & spotted boars & gilts & a few bred gilts. Jim Parlett, Airville. 717-862-3610.

25 Bred Gilts due August & September. Miller's Yorkshire Farm, R.D. #1, Box 1366, Spring Grove, PA. 17362. 717-225-1926.

Hampshire, Yorkshire, Landrace boars and gilts. Also rams and ewes. 717-244-1244.

Landrace or Yorkshire Purebred Boars, $200. 717-637-0192.

78 large Yorkshire & Hampshire open gilts ready to breed; 6 bred gilts also service age boars. Delivery Available. John Strawbridge. 301-996-2022.

DUROC & SPOTTED BOARS
Duroc, Spot, Crossbred Gilts
BOURBON SPRINGS FARM
R2 Newville Pa 17241
Kenneth Ketterer
Phone 717-423 6250

17 York Duroc feeder pigs, 35-40 lbs., $1.00 per pound. Mature York boar, Alpine line. Aggressive and prepotent. 45 cents per pound. Bucks Co. 215-598-3371.

DUROC YORKSHIRE

Boars & Gilts
Noland Freeze
Guards
Port-A-Hut
LEMMON FARM
RD 1, Newburg, Pa. 17240
Bruce E. Lemmon
or
Bruce E. Lemmon Jr
717/423-6514

For Sale - Yorkshire boars and Y&L cross bred gilts; also a few bred gilts. Ralph C. Predmore, RD 1 Mt. Bethel, PA. 18343. 717-897-6583.

Yorkshire - boars, open gilts & bred gilts. Brucellosis and Pseudorabies free herd. Will deliver.
Red Run Farm
RD 2
East Berlin, PA. 17316
717-292-4634

For Sale - Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921

Duroc, Yorkshire, Spotted Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052, 215-799-3375 or 3831.

Duroc Boars
Out of Champion bloodlines.
Super fast growing and very aggressive
We will deliver. PVR free #34.
Validated herd #133.
Rick Pfautz
R.D. #1, Stevens, PA 17578
215-267-3739

If you have swine to sell or buy - check our swine column. It is read weekly by thousands. 717-394-3047 or 717-626-1164.

For Sale - Duroc boars & gilts. Sweigard Durocs, R.D. 3, Box 639, Halifax, Pa 717-896-3365.

TOP QUALITY FEEDER PIGS FOR SALE
REFERENCES FURNISHED
Call Collect
Fred Patterson
MIDDLE TENNESSEE LIVESTOCK CO.
615-364-7050

HOG EQUIPMENT & SUPPLIES

THE GENETIC LINK TO PROFITABILITY IS WITH EAST COAST HYBRIDS

SALES or LEASE

EAST COAST HOG SERVICE

35 N. CEDAR STREET
LITITZ, PA 17543
GET THE BEST WITH E.C.H.S.
717-626-6566

HOG EQUIPMENT & SUPPLIES

SPECIALIZING IN UP-TO-DATE DESIGN & QUALITY CONSTRUCTION OF HOG CONFINEMENT SYSTEMS.
We also manufacture Confinement Equipment and handle a full line of products for today's swine industry, including automated ventilation, feed handling and manure handling systems.

TRI-COUNTY
PHONE 717-274-3488
LEBANON PA.
BUILDINGS SALES EQUIPMENT
SWINE SYSTEMS

FOR THE BEST AND THE MOST DIVERSIFIED HOG EQUIPMENT COMPANY LOOK TO

SWINE & POULTRY SYSTEMS SPECIALISTS
FARMER BOY AG. INC
MYERSTOWN PA 17067 PH 717 866 7565
BEST IN DESIGN, PRICE AND EXPERIENCE

WE SPECIALIZE IN THE LATEST AND MOST MODERN DESIGN IN BUILDINGS AND EQUIPMENT FOR HOG CONFINEMENT
★BREEDING ★GESTATION ★FARROWING
★NURSERY ★GROWER ★FINISHER
★COMPLETE AUTOMATION FOR HEATING, WATERING, FEEDING, VENTILATION & MANURE HANDLING SYSTEM

PA. TESTED BOAR SALE

AUGUST 22nd
UNIVERSITY PARK, PA. INFO. CALL (814) 238-2527

Fastest Gaining Pen Yorkshires - Sire: "Austy 51-5"

#	ADG	B.F.	LOIN	INDEX	FE
8-1	2.57	.86	5.0	137	2.63
8-2	2.41	.76	5.3	134	2.63
7-10	2.55	.98	4.6	127	2.63
7-6	2.20	.87	5.0	114	2.63

Top Performing Pen Durocs Sire "Motor 1-8"

#	ADG	B.F.	LOIN	INDEX	FE
9-1	2.32	.76	5.5	141	2.47
10.5	2.19	.80	5.9	133	2.47
10.2	2.10	.81	5.2	124	2.47
9.7	1.96	.76	5.9	122	2.47

We sold Bruce Lemon the sire to these boars. Most efficient pen of boars tested.

Free delivery on our boars into Southeast Pa. Also will deliver other boars.

Lebanon Co. 4-H Fair

Congratulations to Chris Kirst, Shelby Heagy, Gail Hitz, Jodi Kreider, John Risser, Brian Kreider, Jay Kleinfelter, Donald Kleinfelter, Jason Krall, Daryl Grumbine, Kelly Bachman, Darren Grumbine for the excellent showing of 36 pigs, purchased from us. 15 - 1st place, 11 - 2nd place, 6 - 3rd, 3 - 4th, 1 - 5th (injured). Ch. Med. Wt., Ch. L. Med Wt. & 5 Reserve Champions. Average sale price on these hogs $1.07 per lb. ave. wt. 228 lbs.

Feeder Pig Sale
Saturday, September 22nd 6 P.M.
Lebanon Fairgrounds, Lebanon, Pa.
Feeder pigs for Farm Show projects. 100-150 head. Guest consignors. See later ads.

Yorkshires - Landrace
Leon L. Arnold
R.D. 7, Box 705
Lebanon, PA 17042
717-273-5880

Durocs
Lawrence Arnold
R.D. 1, Box 309
Womelsdorf, PA 19567
717-933-8153

NEXT SALE NOV. 2, 1984
Penn State Boar Test Sale Aug. 22nd

Moorman Mfg. Co. Hog & Beef Products for the best return on your mineral investment. For Service 717-597-3031.

40 pig nursery. Heavy galvanized wire flooring, nipple waterers and LP gas brooders, $400. Bucks Co. 215-598-3371.

POULTRY & SUPPLIES

For Sale - Complete broiler equipment to raise 11,000 birds. Excellent condition. 717-658-7164 or 717-837-2392.

POULTRY & SUPPLIES

Farmer Automatic 4 deck cage systems, for pullets & layers. No pits needed in building. Reynolds & Yellott, 12800 Gores Mill Rd., Reisterstown, MD 21136. 301-833-1840

For Sale - Engine driven alternator, 200 amp automatic transfer switch and phone dialer, like new. 717-463-3547.

30,000 Dekalb pullets, 21 weeks old. Must Sell. 717-626-8257.

NOTICE

From Elm Tree Poultry Service

Fumigation Kills Viruses in your Poultry House
We can help you protect your future investment and livelihood. Don't take a chance - Fumigate - before your next flock.

Call
717-665-5688 or 367-2189
Elm Tree Poultry Service
P.O. Box 127
Elizabethtown, PA 17022

POULTRY & SUPPLIES | POULTRY & SUPPLIES | POULTRY & SUPPLIES

4 Year Old Equipment From 44'x304' Breeder Layer House;
All Equipment In Very Good Condition

Sell Price
Approx. ½ of new price

64 - Double Sided Favorite Laying Nests ..... $ 60.00 ea.
25 - Single Sided Favorite Laying Nests ..... $ 30.00 ea.
330 - Ft. Egg Cart Track and Cart $900.00
2 - 600' Favorite Flat Chain Floor Feeding System With Hoppers, Drives, Motors, Corners, and Grills ..... $1,000.00 ea. set
1 - 40' Flex Auger With Drive, Motor, and Switch $384.00
4 - 36" ½ Hp Zimmerman Fans With Shutter And Thermostats ..... $320.00 ea.
50 - 6" Choretime Inlets With Cable and Hardware ..... $20.00 ea.
2 - Choretime Power Packs ..... $175.00 ea.
1 - Choretime Static Monitor ..... $230.00 ea.
72 - Plasson Bell Drinkers With Plumbing ..... $9.50 ea.
160 - Oak Roosts With 1"x1" Oak Slats 4'x14' ... $20.00 ea.

This Equipment Is Not From An Avian Flu House

SWINE & POULTRY SYSTEMS SPECIALISTS
FARMER BOY AG. INC.
410 E LINCOLN AVE MYERSTOWN, PA 17067 PH 717 866 7565

BEST IN DESIGN, PRICE AND EXPERIENCE

For Sale - 4 Big Dutchman automatic broiler feeders, 1000 ft. chain each with power lift cables, good condition, also L.P. gas brooders for 54,000 chicks, also Leroy Westinghouse Generator unit. Daniel Beiler, 78 South Maple Ave., Leola, PA., Lanc. Co.

WANTED
Condemned Poultry House - We will lease or joint venture for breeding rabbits.
Call John
215-343-9020

Sell direct to us for cash.
* Fowl
* Pigeons
* Bantams
* Pullets
* Capons
* Rabbits
* Guineas
* Chuckers
* Turkeys
* Lambs
* Goats

JACK MINTZ POULTRY
215-267-4784

FEED & SEED

For Sale - Large quantity of fresh dry sawdust loaded on your truck or delivered. 717-734-3838/734-3154.

For Sale - Ear corn, $122/ton. Oats, $2.10/bushel. Soybeans, $7.00/bushel. 717-444-3968.

For Sale - Corn silage out of upright silo. Will Deliver. 717-872-2708. Lancaster Co.

Good quality corn silage for sale. 717-786-3992.

Straw for sale at barn. Northern Chester Co. Call 215-827-7687.

New crop corn for sale. Will deliver to your farm as silage. 717-872-4058.

For Sale - Balboa Rye cover crop, $4.00 per bushel. 717-546-3575. Owen Gardner, R.D. #1, Box 129, Muncy, PA. 17756.

100% Protein liquid silage fortifier. Wholesale - Retail from manufacturer. Dealer inquires invited. Call collect 301-343-0343.

FEED & SEED

32% liquid protein, wholesale/retail from manufacturer. Dealer inquiries invited. Call collect, 301-343-0343.

For Sale - Hay, Straw, Corn, trailer load lots. We will deliver. 717-494-0550.

For Sale - Up to 2,000 bushel rye off the combine. Will sell smaller amounts. $4 per bushel. Snyder Co. 717-837-0724.

Wanted - Mixed Hay for sheep farm, delivered. Call 609-654-2694.

Corn silage for sale. 717-872-4058.

FOR SALE - Rye, Cert. barley, and Wheat, Baler Twine on Stock. Berks Co. T & S Sales. 717-933-4725.

Rye 1984 crop, $4.00 FOB. Call 717-386-5438 after 9 PM. Cabon Cty.

For Sale - Good corn silage, approximately 50 tons. Also 120 acres of corn silage, open for bids. Call 215-827-7687.

For Sale - Corn silage at farm. 717-665-5471.

Barley silage for sale. Digestable protein - 7.6%, TDN 65.9%, moisture 65%. Paul Mast. 215-286-9510. Morgantown, PA.

Tyler Seed Wheat $6.50 per bushel. 717-665-5739.

WANTED - TIMOTHY HAY, 45-50 lb. bales, good quality. Heidel Hollow Farm. 215-767-1408, evenings.

Penn Rad barley-35 last year, very good yield, clean ready to seed; also Tyler wheat-35 last year, was excellent crop, clean ready for seeding. 215-445-6427.

For Sale - Ryelage by the ton. 717-665-2962.

For Sale - Old process soybean meal. H. Jacob Hoober, Intercourse, PA. 717-768-3431.

For Sale - Wire corn crib, 15' high x 7' diameter. In good condition, $500. Also a call Kennel. Holds 3 calves. 215-273-2120.

Hay For Sale - Alfalfa second cut, no rain. By the bale or ton. Delivery available. Call 717-374-5636 or 609-767-5676

FOR SALE - Large grain rye seed, bulk $4.50 a bushel or cleaned & bagged $5.50 a bushel. Lanc. Co. 717-733-4516.

FOR SALE - Krimped high moisture shell corn from Harvestore. Lanc. Co. 717-733-4516.

FEED & SEED

Approx. 40 tons of high quality ear corn for sale. $120 a ton delivered. Call 717-687-7574 or 717-394-3752 evenings.

Tetrapektus (large grain) rye seed, uncleaned. Bagged $4.50, Bulk $4.25. 215-683-5189.

WANTED
ALFALFA, TIMOTHY & MIXED HAY & EAR CORN
Will pickup
JAMES G. KREIDER
717-786-3936
Lancaster Co.

Choice Timothy & Alfalfa, Timothy & Clover and Timothy Hay
717-324-2841

SELLING HIGH MOISTURE CORN
Will Deliver
LUKE H. KURTZ
215-944-0263
Berks Co.

BUYING EAR CORN
Good Quality Only
Will pickup at your farm.
KENNETH MIKO
R.D. 3
Schuylkill Haven, Pa
717-739-4586

ATTENTION!
We will roll your barley or wheat on our farm 300 bushel per hour capacity at 5 cents per bushel
Henry U. Stoltzfus Farm
Along Rt. 23, 2 miles west of Morgantown at the bottom of Maxwell Hill.

Hay & Straw Wanted
Call
717-354-3119

Wanted
High moisture shell corn or ground eared.
LUKE H KURTZ
215-944-0263

Wanted
Mulch hay.
Current prices paid.
Hudson Farms, Inc.
Call 215-869-2408
or
215-869-2409

BUYING EAR & SHELLED CORN BARLEY & WHEAT
Receiving Daily
Rt 372 2 Mi
West of Buck, PA
PH 717 284 4628
MARK RISSER
Holtwood RD 1
PA 17532

WANTED
Ear Corn & Shelled Corn
RONALD S. KEENER
Elizabethtown, Pa
717-367-6309

IF YOU HAVE GRAIN WE BUY
IF YOU NEED GRAIN WE SELL
Shelled Corn
Barley - Wheat Soybeans
Custom Drying - Contracting
NELSON L. ROHRER
Lancaster, PA
717-569-7929 717-569-4383

FOR SALE
Peanut Hulls,
Sawdust & Shavings
Hay & Straw
Bulk - Bagged - Bales
717-529-2855
If no answer 717-529-6305

Buying Ear Corn
Shelled Corn
Picked Up At Your Farm or Delivered to Manheim
NOLL GRAIN
RD 2, Manheim, PA
717-665-4785
717-665-9463

WANTED MULCH HAY
We need your hay.
Prompt Payment
BODMAN FARMS
Gerald Bodman & Son
717-799-5306

ROASTED SOYBEAN FOR SALE
Top Quality
Will Deliver
Call For Price
Turbotville, PA
717-437-2821

Aroostook Rye Seed, leafyer, earlier, heavier yielding than Tetrapektus or Balboa, grown from certified seed, cleaned and bagged, $5.75 per bushel. 215-683-5189.

For Sale - Small grain rye seed, 100 bushels and over, $4.25 bushel. Located near Allentown, Lehigh County. 215-395-1823 evenings. 215-395-2927.

Feed For Sale - Ground bakery product to replace corn. Guaranteed analysis, minimum 9% protein and 16% fat, $120.00/ton picked up. Call 215-488-7003.

Wanted - Ear corn, good quality only. Will pickup at your farm. Ken Miko, RD 3, Schuylkill Haven, Pa.717-739-4586.

For Sale - Oyster shells, Contact Nelson Weaver & Son, Inc., Lititz, PA 717-626-8538

ProLasse 8%
All Natural Molasses Base Liquid Protein. Make sweet feed with any PTO mixer. Wholesale, retail from manufacturer, dealer inquiries invited. Call collect. 301-343-0343

Will buy moldy grain, 301-833-1847.

Wanted - chicken litter out of silo, will pick up, 301-833-1847.

WANTED
Shelled corn and soybeans
Dealer in small grains, contract or spot purchase.
EARL R. MARTIN INC.
P.O. Box 3, East Earl, PA
717-354-4061

WANTED
SHELLED CORN AND EAR CORN
340,000 Bushel Storage
Fast Unloading
Trucks Available
SHOOP GRAIN CENTER
RD 1 Milton, PA 17847
717-524-0325

BUYING SOYBEANS EAR & SHELLED CORN
CONTRACT OR SPOT PURCHASE
- Corn & Bean Combining
- Trucking
- Drying
- Storage

MARTIN GRAIN
R.D. #1, Mount Joy, PA 17552
717-653-1085

BUYING WHEAT CORN & SOYBEANS
CONTRACT OR SPOT PURCHASE
480,000 bu. Storage capacity
Fast unloading, digital printout scales
HOSTETTER GRAIN
RD 1, Oxford, PA
Located along Rt. 10 between Russelville & Oxford
215-932-4484 business
215-932-9599 Residence

Buying and Selling
High Moisture Corn
Air Blown, whole kernel corn
3000 tons storage
Stern Farms
Call for price.
Trucking Available.
717-748-2563

MUNCY CHIEF HYBRIDS
Muncy, Pa. 17756
Phone
(717) 546-5981

STOP AND SEE US AT
AG PROGRESS DAYS
Pick up FREE Catalog or Write us for your copy

FERTILIZER

LIME
Calko™ = Lime plus Potash and Sulfur.
Compare our analysis!
77% calcium carbonate 40% calcium oxide 75 ENP (Effective Neutralizing Power) 3% Potash (K_2O) 45% Sulfate USDA Tested & Proven Only $4.60 per ton F.O.B. - We Deliver!
Agri-Dynamics
Box 318
Martin's Creek, PA 18063
(215) 588-8150

BROILER & TURKEY MANURE FOR SALE
Delivery anywhere in 23 ton loads
717-582-2352

SERVICES OFFERED

J.C. Ehrlich Co., Inc. Termite, Pest, Rodent and Smoke Control. Lawn and Shrubbery Spraying. Free estimates. 1278 Loop Road, Lancaster, Pa. Phone 717-397-3722.

Soybean roasting on your farm. Dale L. Schnupp. RD 6 Lebanon, PA 17042. 717-865-6611

Bradford's Cattle Hoof Trimming. 301-452-8574 or 301-838-5105 (ans. ser.)

Livestock hauling. Cows, heifers, beef, and horses. Gooseneck trailer for easier loading, lower hauling. Local and long distance. Call Barry Wenger, 65 Paradise Lane, Ronks, PA. 17572. 717-687-7416.

FARRIER SERVICES OFFERED - Horses and ponies shod with hand made shoes or trimmed only; also, corrective and pathological shoeing. Dennis A. Weaver, RD 2, Box 288, New Holland, PA. 17557. 717-354-7717.

BUYING EAR CORN AND SHELLED CORN
Picked up at your farm or delivered to Marietta
Spot or contract prices available
60 ft. scale
CUSTOM DRYING AND STORAGE
R.K. VOGT GRAIN
RD #1, Marietta, PA
717-653-2510
"Customers make our day"

NOW BUYING WHEAT
Please Call For Price
agrain INCORPORATED
Pennington, N.J.
609/737-2800

MUSHROOM SOIL
1000 bu. load @ $90 per load
Poultry Manure Also Available
215-376-0938
after 6 P.M.

PLANTS

PLANTS FOR SALE
Cabbage
Red Cabbage
Paul Breneman
717-859-1662

FRUITS AND VEGETABLES

Potatoes For Sale. Hackman Road, Brunnerville. 717-626-6475 or 717-626-2656.

For Sale - Sweet Corn Silver Queen wholesale thru August. Stephen Esh, Westview Drive, Gordonville, one mile northeast of Intercourse, Lancaster County. 717-768-8932.

For Sale - Bartlett pears, pick your own starting Aug. 20, $6.75 bushel, low trees easy picking. 717-334-5260.

NURSERY

TRAILER LOADS SHREDDED BARK MULCH
Aged-Black, double brown, fine, course & mill run
Ray Marburger
RD 2, Box 298
Elizabethtown, PA 17022
717-367-3692

HOOF TRIMMING
M.D. Herr
717-665-2718
Lancaster and Surrounding Counties

CATTLE HOOF TRIMMING
Donald Schock
717-244-6007
Lancaster & Surrounding Counties

WANTED
Top Quality Horse Hay & Straw
C.M. Schnelle
215-255-4378

Wet Brewers Grain - Sawdust
Ernest J. Tomer Trucking, Inc.
Box 168, R.D. 2
Philipsburg, NJ 08865
201-475-2578

FERTILIZER

Wanted - chicken litter out of silo, will pick up, 301-833-1847.

Chicken manure - $2.00 to $4.00 per ton. Jonathan E. Lantz. 215-593-5676.

CORN SILAGE
MUSHROOM SOIL
AG-LIMESTONE
AG-POULTRY MANURE
Delivered in Trailer Loads
MAHLON H. MARTIN & CO.
717-859-3348
or 215-267-6400

Custom
Liquid Manure Hauling
Manure Agitator
York, Harford & Surrounding Counties
717-382-4881

Low Maintenance
You Won't Be A Fixer with a
FARMMASTER MIXER
See Us At AG Progress Days West 11th
717-354-6235

We'll buy your grain.

Delivered, or F.O.B. Your Tank
Grain Receiving in Lancaster, York, Palmyra
Call Pennfield Corporation at 299-2561
Area 717 or 215
Call Toll Free 800-732-0467
Outside of PA
Call Toll Free 800-233-0202
pennfield feeds

BROILER MANURE FOR SALE
Delivered in 22 ton trailer loads
717-354-4175

SERVICES OFFERED

DANIEL S. SMUCKER
BUILDER
AGRICULTURAL - RESIDENTIAL
Specializing in Pole Bldg's
R.D. 2
Narvon, PA 17555
717-768-8606
717-768-8614

ATTENTION ALFALFA GROWERS!
Time to Fall seed Alfalfa! We have a good supply of Cimarron, Shenadoah, magnum, and Futura Alfalfa Seeds. Also Timothy, Orchard Grass, Brome Grass, Reeds Canary and Rye Grasses. Call today!
Berks and Lehigh Co.
215-536-2023
Bucks and Mont. Co.
215-348-8951

ATTENTION FARMERS
SURE-CROP LIQUID PLANT FOOD
You Can Now Purchase Your Plant Food Direct From The Manufacturer
7-14-7 **$2.70** Per Gallon F.O.B.
Other Analysis, Delivery, And Tanks Available.
Take this opportunity to lower your costs and increase your yields and profits.
As always Sure-Crop is produced with the highest quality raw materials available using all white phosphoric acid, potassium hydroxide, aqua ammonia, and urea, which is blended to form a high quality product.
Now Is The Time To Foliage Feed Your Soybeans and Alfalfa And To Order For Fall Planting.
To Order Or For More Information Call Or Write The Manufacturer
KELMANADA INC.
RD #2 Box 4210 Grantville, PA 17028
717-469-2864
Distributors Welcome

We haul away most anything up to 5 tons. Call for estimate. 717-665-6440. Reasonable rates.

CUSTOM WORK

Ag Bag custom filling. Ernest Kocher, Jr., R.D. 2, Birdsboro, PA. 215-689-5387.

CUSTOM WORK

Custom Forage Bagging will travel. 301-452-5901.

MOSES B. KING CARPENTRY & REMODELING
158 Strasburg Pike
Lancaster, PA 17602
PHONE
(Driver) 786-1455

WHOLESALE FEED INGREDIENTS
3 Ton to 25 Ton Lots
- 48% Soybean Meal
- Dried Corn Distillers
- Shelled Corn
- Blower Truck Delivery
- Dump Trailer Delivery
- F O B Our Tank or Right From The Railroad Car

Flexible Delivery
HERSHEY AG SERVICES
R.D. 1, Box 139 Marietta, PA 17547
717-653-8783

CUSTOM WORK

Custom silo filling.
Christian Smucker
717-442-8659

CUSTOM BAGGING
CHARVIN FARM
RD #4 Manheim, PA 17545
717-665-7471
GOSSETT PREMIXES

CUSTOM BAGGING
Professional Service - We stay with the machine to save you TIME & MONEY
(Our aim is to keep your chopper IN the field chopping, not at the endrow idling).
For prices and scheduling call 717-665-7471

- ★ We have liquid preservative available for hay baling
- ★ We have dry innoculant for ryelage, haylage, & silages.

These Items Are Priced Right

HELP WANTED

Farm Help Wanted. Current experience with modern equipment. References required. Housing and privileges. Reply to Lancaster Farming, Box 366, L-35, Lititz, PA. 17543.

Experienced person for part time dairy work, milking etc. Must be patient and gentle. Lancaster County. 717-464-3752 after 8 PM.

Central Bucks Area. Grain farm-experienced only. Familiar with all types equipment. 215-343-2444.

Help Wanted on 100 herd dairy farm. Preferably husband and wife team. Excellent pay and housing provided. Call 814-625-2281 after 6 PM.

Long term, fulltime position on grain and vegetable farm. Located near Bordentown, NJ. Experience in farm equipment operation and maintenance required. Duties will include truck driving. Housing available. Call 609-298-3342 day or night.

Herdsman position opening on large dairy in lower Dauphin County. Must be able to handle all aspects of herd management. Housing available and salary negotiable. Send resume' and other information to Lancaster Farming, Box 366, L-36, Lititz, PA. 17543.

WANTED - HELP TO FILL SILO on Amish farm, must be experienced w/teams, Amishman preferred. Apply to Michael R. Stoltzfus, RD 2, Cambridge Rd., Narvon, PA. 17555. Lanc. Co.

Modern 80 Cow Dairy seeks person with milking experience–Other duties–Many benefits. Western PA. 412-865-2569.

MILKER/HERDSMAN WANTED - Person should have experience milking, detecting heat and health problems and handling good cows. Good salary, good house, health insurance, regular time off, vacation and pension. Fairmont Farm. 301-374-2273.

SINGLE OR MARRIED PERSON FOR DAIRY AND GENERAL FARM WORK. 60 cow free stall operation w/surge pipeline. Nice 14x70 mobile home housing. Southern Lancaster County. 717-529-2135.

HELP WANTED

HOMESTEADER/MOTHEREARTH-TYPE COUPLE. Will furnish cabin and part-time work to get started. Can use full-time gardener/Maintenance/Handyman. Paul F. Yerger, Sr., Auburn, PA. 17922.

Young Christian married man to work on large Lebanon County dairy farm. Experience w/cows and operating equipment necessary. Call 717-865-4588.

WANTED - Married couple for Holstein herd. General farm duties. House provided. Dauphin Co. Call 717-533-2322.

1973 Ford F-750 391-V8, 5 speed, 2 speed rear axle, w/22' aluminum cattle body, $3,900. 304-229-5940 after 8 PM.

FULL-TIME MILK PERSON. Must be sober and reliable. House available. Northern Baltimore Co. 301-592-2298.

DAIRYMAN/MILKER for small herd near Somerville, New Jersey. Position available now. Experience desired. Attractive salary and housing provided. Contact Mr. Byers. (201) 526-1138.

WANTED - Experienced person to work on potato and grain farm in York County. Must be able to operate tractors, trucks, combine, etc. Living quarters available. 717-235-1700.

Milking herdsman. Immediate opening. Modern dairy. House and utilities included. Write qualifications to Carwytham Farm, Box AF, Bridgehampton, NY 11932.

Married person to help on dairy farm. Some tractor work. Assist herdsman. General duties. Some farm experience necessary. 301-452-8603.

Wanted - Young christian married person to farm and tend livestock on 120 acre Lancaster County Farm. Send replys to Lancaster Farming, Box 366, K-27, Lititz, PA. 17543.

Person to manage broiler operation in York Co. Salary plus bonus. Housing provided. Call 717-993-6649.

WANTED - Farm manager or person capable of helping to handle 200 cow operation. Salary and benefits negotiable. Franklin Co. Call after 8 PM. 717-349-2600.

WORKING FOREMAN WHO IS KNOWLEDGEABLE OF ALL FORMS OF road way construction for residential & county use. Willing to relocate. 301-928-3185 or 301-778-4418.

WORKING FOREMAN - experienced in agricultural conservation construction & site preparation of poultry complex. Willing to relocate. 301-928-3185 or 301-778-4418.

Livestock herdsman, B.S. degree in Animal Science or management experience. College environment working w/beef, sheep, swine and horses. Send resume, transcript and 2 letters of reference. Fredrick Hofsaess, Animal Husbandry Dept., Delaware Valley College, Doylestown, PA. 18901. 215-345-1500. Ext. 321.

EXPERIENCED CHRISTIAN FARMER - needed for dairy and field work. House available. 717-933-5771.

All around farm work immediately available on beef and hog farm, no housing. Write Lancaster Farming, P.O. Box 366 D-157, Lititz, PA. 17543.

Help wanted on general dairy farm. Must have experience milking cows and handling equipment. Mostly field work. Southern Lancaster County. 717-786-3591

Dairy Farm in Unionville, PA. Needs someone experienced in feeding, milking care and maintenance of holsteins, and field work. Housing provided, salary and health insurance. Call 215-347-2346.

Wanted - Reliable couple or single man to manage and work small (150 acres) farm. Must know farming and be meticulous with animals and equipment. Salary, house, benefits. Write P.O. Box 176. Harleysville, PA. 19438.

Wanted - Experienced person to milk 130 registered Hofsteins in milking parlor, no field work. Berks County. Send resume and references to: Lancaster Farming, P.O. Box 366 D-153, Lititz, PA. 17543.

Herdsman for large dairy farm in Southern Tier New York (near Binghamton). Excellent salary, housing and fringe benefits, plus bonuses. Must have experience and references. Call Glen Mar Farms, Harpursville. 607-693-2997.

Wanted - Experienced person to work on dairy farm. Must have experience with field choppers and hay equipment. 704-459-7632 after 6:30 PM.

Experienced crop farmer with ability to handle machinery and personnel. Benefits and good wages for the right person. Send resume' to Lancaster Farming, Box 366, K-26, Lititz, PA. 17543.

Fulltime farm hand needed on a beautiful dairy farm in Washington, NJ. Field and machine experience preferred, some milking. Salary negotiable. Call between 9 & 5. 201-658-3688. Ask for Marian Hanright.

Person to help on 50 cow dairy. 717-442-8020.

Person wanted for dairy farm in Southern Lancaster County. Experience necessary. 717-548-3504 or 548-2618.

HERDSMAN WANTED - Room and board provided for single person, references needed. 717-942-6444.

Herdsman wanted to care for 200 cow dairy. Must have experience and have ability to apply good herd health practices. Immediate employment, housing available. Mail resume' or call 717-665-4189. Walnut Run Farm, 292 Elm Rd., Lititz, PA. 17543.

Apprentice herdsman for 40 cow dairy farm. True interest in cattle. Full room and board, salary; other benefits for right person. Phone 301-357-8466.

MATURE RESPONSIBLE FARMER WANTED - For small hay & grain farm. Nice house provided, must be experienced operating machinery and have references. 717-529-2052.

EXPERIENCED HELP TO CUT TOBACCO. Will consider taxiing groups of Amish. 717-393-1490.

Christian family man to help part time with chores on dairy and poultry farm to help pay off rent for a 3 bedroom brick rancher. References required. Berks Co. 215-286-9055.

Experienced male or female to assist herdsman in ALL PHASE management of progressive 400 milk heading herd. Call 609-267-0198 or 609-267-5246.

Wanted - Salesman with engineering experience to promote and sell a new agriculture machine. Inquiries confidential. Write to Lancaster Farming, Box 366, D-154, Lititz, PA. 17543.

Dairy Help - Person wanted to work on dairy farm milking cows and general barn work. Experience preferred. Call 201-782-6376 after 7 PM.

DAIRY FARM EXPERIENCE WANTED
Strong demand for dairy farm employees! Good opportunities and interesting locations. Employers pay us to find the people they need. Recent dairy farm experience, good references and willing to relocate required. Since 1968. Now nationwide.
Call or write today
AGRIcareers, Inc.
515-394-3145
(Nancy or Sandy)
New Hampton, Iowa 50659

SWINE HERDSMAN WANTED -
Prefer young married person with at least 2 years college and on farm experience. Computer knowledge prefered. Submit resume' to Lancaster Farming Box 366, D-151 Lititz, PA 17543

NEEDED:
75 leaders, motivators, movers, shakers and spiritual leaders to teach 90 hour common law course on citizens rights. Video tape player essential. 1 hr intro audio cassette tape - $5 and/or VHS video tape - $25 deposit, refundable. Details - send SASE.
AYRSHIRE
Box 6, Exton, Pa. 19341

FLASH
STAUFFER SEEDS
Dealers needed for fast growing seed corn company
Call Collect
Dorothy Pool
301-848-5899

WANTED
Experienced person to work on Potato & Grain Farm in York Co.
Must be able to operate tractors, trucks, combines, etc.
Living Quarters Available.
717-235-1700

Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call:
Animal Medic, Inc.
717-266-5611

JOB OPENING
Sept. 1
Reliable person for dairy farm work, including milking. Must like farm life and appreciate working with good cattle. Experience and references required. Northampton County. Write or Call.
KEYSTONE FARM
RD 4, Box 369
Easton, Pa. 18042
(215) 258-0788

Swine Herdsperson Needed
for 175 sow farrow to finish operation in Fingerlakes Area of New York State. Latest in confinement technology. This is a new position. Associates degree plus 1 year experience required.
Malwell Farms
Keith Malchoff
R.D. 1 Rt. 247
Canandiagua, NY 14424
717-554-3696
evenings

SALESPERSON WANTED
FOR PROVEN, EFFECTIVE, WIDELY-ACCEPTED AGRICULTURAL PRODUCT
Several territories available in NY, PA, NJ, KT
Could be part- or full-time or second source of income. $5,000 - $20,000 per year potential
We will train an outgoing, responsible, self-motivated male or female. Agricultural experience helpful. We service what you sell.
Call
201-462-1546
for details.

Experienced herdsman needed on large 300 cow commercial dairy located in Connecticut. Candidate should have a willingness to work in a team environment with management and employees, preferably someone with a good knowledge of all dairy practices, including reproductive, herd health, milking, etc. Candidate should have the ability to keep records up to date, and registrations, also. Excellent salary with benefits. Send resume to P O Box 726, Wallingford, Connecticut, 06492

DAIRY FARM HELP WANTED
Rothrock Golden Holstein Farms of Kempton, PA
Lehigh Co. is now taking employment applications.
Call for Appointment
215-756-6611

Canadian Manufacturer of Manure and Feeding Equipment is seeking a Manufacturer's Representative to call on dealers and customers in Western Pennsylvania, Eastern Ohio and West Virginia. We furnish leads and deliver via company trucks. Excellent Commissions based on performance.
Send Resume To:
P.O. Box 1276
Elkton, MD 21921

DAIRY FEED SALES
Established company has immediate opening for qualified individual for feed sales and service to dairy farmers in Lancaster County. College degree or dairy experience required. Benefits and transportation. Salary based on qualifications.
Send confidential resume to Box 366, R-13 c/o Lancaster Farming Lititz, Pa. 17543

HELP WANTED
Leading farm sprayer manufacturer has openings in two territorities: Eastern PA - NJ & MD-DE-VA. For territory manager to call on farm Implement dealers.
Attractive salaries, commission, plus car allowances and expenses.
Send Resume' to:
Hardie, Inc.
302 1st Avenue North
Box 335
Altoona, IA 50009

SALES MANAGER
Progressive Lancaster County Egg Marketing Firm is looking for A PROVEN LEADER to manage the sales department

REQUIREMENTS:
Strong record of success in sales planning, problem solving, and motivation of salespeople
Ten years expertise in sales, with high income results
Knowledge of the egg industry, or institutional and retail segments of the food business, preferred

RESPONSIBILITIES:
Provide the aggressive leadership necessary to sustain the rapid growth of the sales functions
Work closely with the President, sales force, and customers directing the total marketing effort

EXCELLENT GROWTH OPPORTUNITY FOR THE RIGHT INDIVIDUAL!
Send a complete written resume in confidence to Mr. Paul Hess, Jr

PLAIN AND FANCY EGG RANCH, INC.
R.D. #3, Elizabethtown, PA 17022
No Phone Calls, Please!

HELP WANTED
SALES SECRETARY
Must have ability to deal effectively with the public. Must be articulate, with professional telephone skills & typing. Full-time position. Immediate opening.
Send resume to
Lancaster Farming
P.O. Box 366J Lititz, Pa. 17543
or Phone 717-626-2191

AG SALES OPPORTUNITY

Salary - Expenses - Commission

Professional sales training provided. Ag sales experience or ag background desirable.

Submit resume in confidence to

Lancaster Farming
P.O. Box 366, D-145
Lititz, PA 17543

FIELD PLANNING AND PRODUCTION SUPERVISOR

Hay and grain farm needs an experienced person, knowledgeable. From planning crops to harvest schedules. Work involves over-seeing operations. Eastern Montgomery County.

Contact: Charles Maddioni at
215-641-0233 Daytime

Gardening maintenance position offered on estate in Princeton, NJ, with separate living quarters provided. References requested. Write P.O. Box 348, Princeton, NJ 08540.

SITUATIONS WANTED

Responsible single male 25 years old seeking employment, modern dairy and/or beef cattle farm. Housing, pay-grade negotiable. 215-932-4851.

Looking for custom slaughter house in the Lancaster or Lebanon Area. Call 215-692-6476.

Couple seeks employment, housing in State College area. Experienced in dairy, swine and beef. 717-284-2309.

PETS

For Sale - AKC Great Pyrenees puppies, excellent farm guard dogs. Phone 717-244-7307.

AKC Siberian Husky Pups. Daniel Miller, 2822B Stumptown Road, Bird-in-Hand, PA 17505.

Boarder Collie Pups - Black & White. Can be registered, shot & wormed, 6 weeks, $75. Call George. 717-243-3096.

MONEY FOR PUPS
in litter lots for resale in my pet shop. Will pick up. Cash paid.
Call
Charlie Hackett
mornings.
1-215-924-8882

PUPS WANTED
by Jo Jo
I need puppies to 8 weeks old every Tuesday evening from 7-9 PM at Root's Farm Market off of Rt. 72, Manheim, PA.
If you have any questions, phone
609-452-8903
Mon., Tues. or Wed. 7-9 AM
for best results.
or try
301-778-6666
I will also buy puppies on
Tuesday, August 28
Kirkwood area
4 PM
New Holland Area - 5 PM

BUSINESS OPPORTUNITIES

WANTED - Condemned Poultry House. We will lease our joint venture for breeding rabbits. Call John. 215-343-9020.

For Sale By Owner - 8 unit motel and luncheonette with living quarters. Good hunting and fishing and recreation area. Clinton Co. Immediate possession excellent opportunity at $40,000. Call 717-229-2500.

$106.80 Daily Earnings Working at Home. Fully Guaranteed. Complete details and application form sent on Request. Send a self-addressed, stamped envelope to C.G.S., RD 2, Box 315, Hughesville, PA. 17737.

PETS

O.K. RABBIT TREE. Registered Dwarf and Registered Dutch Bunnies. From excellent breeding stock for sale. For show or pets, we will take orders. 717-668-2543 or 668-3849.

3 good purebred boarder collies. 8 weeks old. Easy to train. 717-284-2176.

AKC Register & wormed black & yellow lab. pups. $75 or $50. 215-593-6216.

COMPUTERS

Try Before You Buy. Working Software Demos. Available. Farm Software Services, Bernville, PA 215-926-3167.

HOUSEHOLD GOODS

WANTED - Old hooked rugs, rag carpet, quilts, mortissed benches, old cupboards, drysinks, etc. 717-626-7854. P.O. Box 21, Lititz, PA. 17543.

MISCELLANEOUS

For Sale - 50 lb. used paper potato bags. 10 cents each. 215-837-0847.

Bandsaw blades made to order. Wood or metal cutting. Will mail. 717-733-0511. Martin's Sharpening, R #1, Ephrata, PA. 17522.

ATTENTION WOOD LOT OWNERS! Cash payment for burls on your trees. Call evenings 215-845-2136 or write Paul Eggerling, Bally, PA. 19503.

Toledo platform scale, 0-1, 600 lbs. in one pound increments. 38x46" platform. Very good condition. Electric eye available for liquid filling. 717-776-7187 evenings.

STORAGE SPACE FOR RENT - E-town, Mt. Joy Area. Call 717-367-0708, 717-367-9459.

Empty 55 gallon drums used, but in good condition, $3.00 to $5.00 per drum, depending on condition. Used to store roof coating type material. Call 717-656-2221 between 7 a.m. and 5 p.m. 717-656-7315 after 5 p.m.

MISCELLANEOUS

Firewood - $58 per cord. Dry oak, $50 per cord for green oak plus delivery out of area, by dump truck or tri axle. Cut to length and split. 717-568-0253.

(1) 10,800 gallon railroad tank, best offer over $1,500; (2) 4,000 gallon underground tanks, best offer over $200; (1) 3,000 gallon underground tank, best offer over $150. Call 215-582-2197.

(8) New #250 Buckner 1½" female irrigation sprinklers, 85 GPM, 100' radius, at 90 lb. pressure. Best offer over $150 each. Call 215-582-2197.

FOR SALE - Open carriage, good condition. Stephen Stoltzfus, 2705 Creek Hill Road, Leola, PA. 17540.

SATELLITE SALES AND SERVICE - Complete system as low as $2295. 100% financing available. Advanced Communications. 717-392-1222.

For Sale - 2"x6" T&G Lumber, steel steps, ½ h.p. fan motors, cheap. 717-367-4797.

Attn. Ceramacists: 60% off list on large selection of low-fire Duncan, Reward, Creek-Turn, Charl-Stan glazes. Send $3.00 for computer list. D.A. Bauchspies, R.D. #1, Box 419, Bellefonte, PA. 16823.

East Safe, double door, 60" high, 28 deep, 37½ wide, good condition, $375 or best offer. 215-542-7980 or 215-646-9057.

For Sale - Oak tablet arm chairs in good condition, ideal for christian or private schools. 717-665-4136 or 653-5426.

I will plane your wood for only 10 cents/ft. or to 12¼". Call 717-626-4996.

O.K. RABBIT TREE. Registered Dwarf and Registered Dutch Bunnies. From excellent breeding stock for sale. For show or pets, we will take orders. 717-668-2543 or 668-3849.

Continental Red Seal engines Models F162 with transmission. Models Y112 with Rockford clutch, like new. Phone 717-626-7663. Lancaster Co.

For Sale - Welded Wire mesh sheets, 1"x2" mesh, 4' 10" wide, 10' long, 14 gauge, $4 per sheet. Delivery available. 717-354-9840.

Standing or tops firewood timber wanted. Oak only. Up to 3,000 cords. Chester or Delaware County. 215-485-4692.

12 inch Hendey Lathe, 16 inch DeWalt Radial Arm Saw, 5 ton; 20 ton Punch Presses, Number 4 Warner Swasey Turret Lathe, 4 foot Radial Drill, Number 12 Brown Shape Plain Miller, 1+3 Phase Motors, Plate, Angle, Channel, Round, Square Steel. Ed's Trading Post, Great Meadows, New Jersey. 201-637-4663.

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

One hive or 50, some with honey crop. Call 301-838-7648.

Bought and sold new and used cardboard boxes; drums, plastic scrap, Reliable Recyclers, 178 Greenfield Road, Lanc. PA, 17601, 717-397-7695.

Locust post, fully seasoned for fencing, landscaping, etc. Wholesale quantities. 717-755-5587, evenings.

Copper 40 gal. apple butter kettle with stank, excellent condition, $450.00. 301-694-9527.

THE DRY TOILET. Uses no water or chemicals. Replaces standard septic system. EPA approved. 800-242-3909. Dealer inquiries invited.

TRUCKS & TRAILERS

'71 White 4000 335 cummins, 13 speed wetline, Jake brake, 11:24-5 tires, excellent condition. Phone 215-384-4531 early mornings, late evenings.

For Sale - 1977 Ford, LN-800, 389, V-8, 5+2 speed, power steering, 10:00x20 rubber, 27,500 GVW, 22' Duralite van body. Will sell with or without body; 1977 International 1750, 466 diesel, 5+2 speed, power steering, 90:00x20 steel radials; 1977 International 1800, 446, V-8, gas, 5+2 speed, power steering, 10:00x20 tires; 1978 International 1800, 392, V-8, gas, 5+2 speed, power steering, 90:00x20 tires, extra long wheel base. 301-877-9889.

TRUCKS & TRAILERS

1977 2070A Int. Tractor, 290 Cummins, twin screw, 13 speed, PS, air brake dryer, 1100 x 22.5 radial tires, 152,000 miles, new wet line, excellent condition, $13,700; 26' Steco Dump Trailer, new cylinder, brake lining, bows & canvas, good condition, $5,700. Lancaster County. 717-665-3229.

For Sale - 1974 Chev. cab and Attic. 1 ton, new tires, 10,000 miles on engine, truck good, $1800.
1971 Ford 1 ton, good engine, only 12,000 miles on, tires fair, $1400. Mummau Tire Service. 717-653-1260.

SPECIALIZING IN
GARAGE SERVICE JACKS

Used Rebuilt Floor Jacks 1¼ to 10 Ton

REPAIRS NEW & USED
WALKER • AUSCO
• HEIN • WERNER
WEAVER • BLACKHAWK

BEARTOWN HYDRAULICS
Rt. 322, Midway Between Honey Brook & Blue ball
Mon., Tues., Thurs. & Fri. 7 AM - 5 PM
Ron Zimmerman
(717) 354-5649

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
STRAIT BUILDING CONSTR.
(717) 278-1225
Also See Ad On Pages B24 & 25

FARM EQUIPMENT
CARS
TRUCKS
COMPUTER FEEDERS
- OUR SPECIALITY -

LEASING

Phone for rates and information
ON ALL MAKES & MODELS
FARM COMPUTERS - EQUIPMENT
Brandywine LEASING COMPANY
215-388-1727 or 215-525-7751
KENNETT & WILMINGTON PIKE (ROUTE 52) MENDENHALL PA.

1974 IHC 1600 Cab & Chassis; 345, 5 sp. 2 sp, 900:20 tires power st., runs good $1650

CURRY SUPPLY
Curryville, PA
814-793-2829

75 Gilmore tri axle dump trailer, air lift 3rd axle 32 ft. frame, 30 ft. body, good condition $12,900

Curry Supply Co.
Curryville, Pa.
814-793-2829

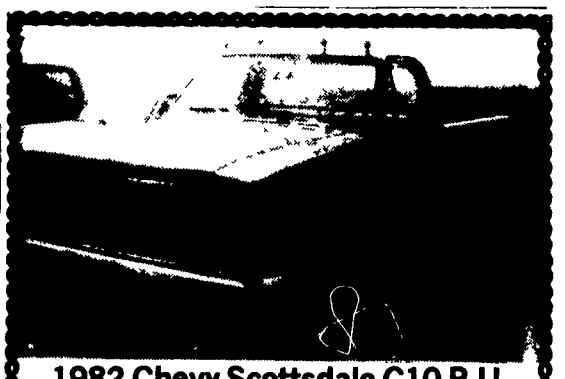
USED STONE PICKERS
Hopper and Conveyor types. Pickes stone 1½ inches up Five-ten acres daily. 4-yard hopper capacity Ready to work - $2950. Rebuilts $3500 up
Davey-Joan's
Williamstown, NY 13493
(315) 964-2294

We Pay Top Prices For Standing Hardwood Saw Timber
Weaver Bros. Sawmill
Beaver Springs, PA
717-658-3447
collect after 5 PM

Mailbox Markets

On Pages

F18, F20, F30 & F32



1982 Chevy Scottsdale C10 P.U. 5600 G.V.W. 6.2 Diesel, AT, PS, PB, Sport Wheels, Chrome Step Bumper, Two Tone, 31,000 Miles One Owner $6800.00
Phone 717-354-9422 or 354-3199

1976 Aspen wagon, Special Price
1978 Chevy pick-up short bed, 6 cylinder, with cap
1972 IH Scout - REAL NICE, only 60,000 miles, 4x4.
(2) 1979 Diplomats, 4 doors w/air.
1978 Ford Fairmont Coupe, 4 speed, SPECIAL $2795.
SPECIAL- Brand new '84 Rampage pick-up, $6995.
(2) Colt wagons.
(2) 1983 Aries 4 door w/air, low miles.
1972 Datsun Pickup, real nice.

PETTICOFFER DODGE, INC.
Route 230 East Next to Shopping Center
Elizabethtown, PA
PHONE 717-367-1808

TRUCKS & TRAILERS

Parker dump trailer 26' aluminum 20" rubber, $6500. Steco dump trailer 3 axle 30' 20" rubber for 30,000 gross, $11,500. 215-343-2444.

1973 Ford F-750 391-V8, 5 speed, 2 speed rear axle, w/22' aluminum cattle body, $3,900. 304-229-5940 after 8 PM.

For Sale - Ford log skidder, $4,500; H-60 Hough payloader, $6,500; 1970 L-900 Ford dump truck w/plow & spreader, $4,000; 1969 4070-A diesel w/16' dump stake bed, 6' grading box, Interstate snow plow w/brackets, 10' snow plow, power angle. Dauphin Co. 717-566-8689.

1979 Mack, D.M., Tri-Axle, 44,000 lb. rears, 300 engine, with brake, excellent condition, low mileage. 717-993-2566, evenings 301-329-6751.

Ford 9000 Louisville w/24' Super 15 Groves roll back, Detroit diesel, air, steering & brakes. Truck ready to roll, $17,500. Fred Goodrich. 607-642-8688.

1956 Ford F-500 flat bed dump truck, 12'. Best offer. 717-568-0253.

1977 Dodge D-700, 5 speed, 2 speed with 16' stake dump
1979 LN 800 10' dump, 429, V-8, power steering, air brakes, 5+2
1973 Diamond Rio, COE diesel, 5+2, power steering, air brakes, 16' van body with lift gate
1980 LN 7000, cab engine, 5+2, power steering, 10' van body with lift gate
1978 LN 8000, Cat, diesel engine, 5+2, 204" wheel base, air brakes, 35,000 GVW
1974 Road Boss tractor, Detroit engine, 10 speed
1974 LN 8000 tractor, Cat engine, 5 speed
1976 Mack F model COE tractor, Mack 5 speed
1980 F600, 370, V-8, 14' van body

STOP BY OUR EXHIBIT AT AG PROGRESS DAYS AUG. 21, 22 and 23

Keystone Ford Truck Sales, Inc.
I-83 at 322 East, Harrisburg
717-564-6661
or PA Watts - 1-800-692-6235

WEST POINT TRAILERS
West Point, Pa.
215-699-8867

(2) Stainless Steel Insulated Storage Tanks, Great for Fertilizers, one compartment 5400 Gallons.
A Steal at $1200.00 each

(1) 1974 T/M 40' Flat Bed Trailer. Sliding Tandem, 4' Bulkhead, 10x20 Tires, Oak Floor Only $3200.00

1984 CONVERSION VANS
• We Cannot Be Under Sold On Quality
THE SALE IS ON!

1981 FORD F250 UTILITY BODY, 8 Cyl., Auto., PS, PB, Air, Like New . . **$8995**
1981 GMC 2500 UTILITY BODY, 8 Cyl., Auto., PS, PB, Factory Air, White Paint, Sharp **$8,995**
1980 CHEVROLET SILVERADO CREW CAB, C-30, 4x4, Auto., PS, PB, Crusie Control, Air, AM-FM, 29,000 Orig. Miles, Free Wheeling Hubs **$10,995**
JEEPS - 1982 and 1979 Soft Tops (One With Plow)... Call For More Information!
1984 JEEP CJ-7, 5,000 Miles, 6 cyl. **$9,995**
1974 GMC MOTOR HOME, 260, Painted Desert, Self-Contained, Hot & Cold Water, Air Conditioning, Generator, Sleeps 6, Formerly Owned & Meticulously Maintained By General Motors Executive.
Priced To Sell $23,900

Rhodes Oldsmobile
Gilbertsville, PA
Call toll free: 1-800-362-7655

Aluminum Bodies

by OMAHA STANDARD

Backed by more than 60 years experience in truck body manufacturing, this is the aluminum body that sets the standard for the industry. With 92¾ inches of unobstructed inside width, this rugged, lightweight body lets you haul more grain or bagged or palletized commodities and save fuel doing it.

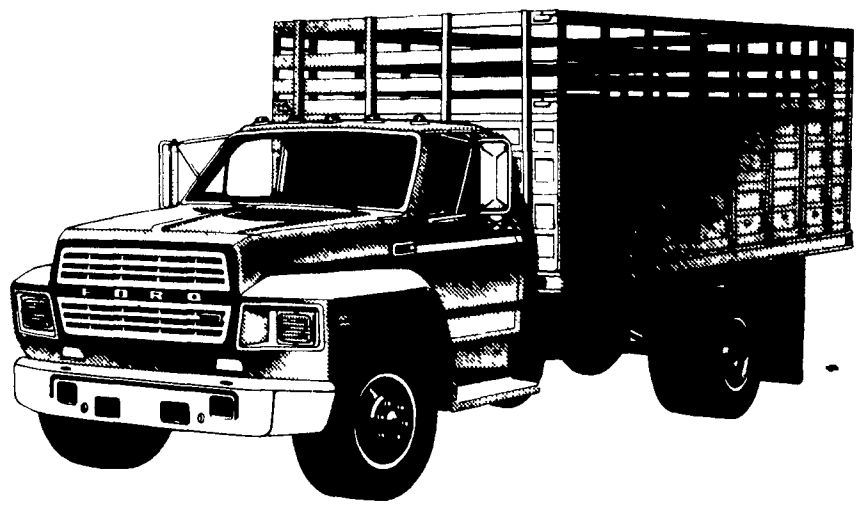
With 60" or 72" high, vertically corrugated, splice-free sidewalls, three-piece full opening rear doors, swing-out header, tarp bows, built-in ladders for tarping convenience, trailer-type aluminum flooring and "I" beam cross members, this body's built for rugged field work and continuous road hauling.

FARMERSVILLE EQUIPMENT INC.
RD 4, East Farmersville Road
Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271
Omaha Standard

WOLF WOLF WOLF WOLF WOLF WOLF

WOLF FORD TRUCK CENTER

NEW FORD F-8000 "ECONOMY 200s" CAN SAVE THOUSANDS IN FUEL COSTS ALONE...



F-Series Diesel With Farm Body

End-of-Model Closeout On All 1984
FORD TRUCKS
★ Closeout Prices On Rangers, Bronco II's And F-Model Pickups!

Save Thousands On Closeout Centurion Dual Wheel Trucks!

GET THE FACTS—GET A FORD!

1485 Manheim Pike
Lancaster, PA
Phone
(717) 299-4331

WOLF MOTOR COMPANY

IVECO Diesel Trucks

Centurion

WOLF WOLF WOLF WOLF WOLF WOLF WOLF

TRUCKS & TRAILERS

1964 Int. 1600 20 foot stake bed with sideboards. 21,000 GVW good rubber and condition. Make good hay truck. 215-944-0255 early morning.

Two IH 1970 Loadstar 1600 and 1700 Series trucks. Both for $1000. Carbon Co. Call evenings. 215-377-4549.

'71 Parker aluminum dump trailer. 32' long, 10x20 tires, new hoist. Tires and brakes, 80%, $8,750. Bucks Co. 215-493-3040.

1980 Int. S1700 flatbed dump, 4+2; 1979 Chev. 20 4 speed; 1978 Chev. Suburban; 1978 Chev. van auto; 1979 Dodge 15 pass. van; 1974 Ford F350 dump; 1975 GMC C+C 5 speed. Northumberland Motors 717-473-9554

1971 30,000 GVW Chevy, 5+2, 10:00x20 tires, 14' heavy duty dump, $4,800.00. 717-867-4495. Lebanon Co.

1976 Astro 95, 350 Detroit, 13 speed, 38 rears, 15,000 miles on engine overhaul, $10,500. 814-848-9753.

For Sale - 1976 International Cub Hi-Boy, excellent condition. Also 1970 Chevy Truck ½ ton with Myers 7½ foot power-angle snow plow, excellent, only 47,000 miles. Schuylkill Co., Orwigsburg, PA. 717-366-2619.

• STRUCTURAL INTEGRITY
• QUALITY CONSTRUCTION
• DESIGN INNOVATION

E-Z DUMPER®

FOREMOST IN ROLLBACK DESIGN

SINCE 1959

DIRECT FROM FACTORY
$1,045

DUMP UNIT FOR PICKUP TRUCKS SAVE TIME....LABOR....MONEY

The E-Z DUMPER is hydraulically operated and is powered by the 12 volt truck battery. The safe removable key switch is standard equipment. The dump angle of 47° assures quick and clean unloading. The removable tailgate can be opened from the top or bottom for easy flow control.

Designed for do-it-yourself installation - the E-Z DUMPER comes ready to install, including hydraulic fluid. Most pickup trucks require no alterations. Just slide the E-Z DUMPER and secure with clamps using existing bolts and holes. Installation is fast and simple. Dump over 4,000 lb. of firewood, gravel, topsoil, coal, corn, mulch, etc. in seconds.

CALL TOLL FREE 1-800-248-6000
PA 1-800-842-4000

JERR-DAN CORP.
1080 HYKES ROAD, GREENCASTLE, PA. 17225

NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind. Wrecked dumps, vans, flats, tank trailers, etc. Call 215-944-9671 (evenings).

70 International C01810A, 392, major overhaul March, 18' aluminum bed. All or will separate. 717-786-1882.

'77 Jeep pickup, J-20, 4x4, 360, 4 BB headers, 5th wheel ball. Needs body work, $2,500 or make offer. 717-786-1882.

For Sale - 1972 Chevy one ton stake body truck. 4 new tires excellent farm truck, $1700. 717-527-2573.

STORAGE TRAILERS FOR RENT - 40 ft., nice, available immediately, delivered. Office trailers also available. 301-771-4529.

For Sale - 6 cylinder Perkins 354 Diesel, GM 478 Diesel, $875. Wanted - all wheel drive truck with 10x20 rubber. 717-866-2091.

For Sale - 69' IHC cab over, 26' straight bed. Good hay truck. 717-366-2308.

1979 Chevy C50 steel body dump, 4 speed, V8, PS, PB, new paint, good rubber. 717-692-2086. Coleman's.

1974 Tibrook 28' aluminum dump trailer, 10x22 tires, good condition. 717-998-8831 or 717-998-2057.

1974 Chevy C65 18' dump body, V8, PS, PB, nice. 717-692-2086. Coleman's.

REAL ESTATE

Lowville, NY area. Excellent 400 acre operating dairy farm. Modern Stanchion barn, silos, beautiful large home. Village water. Reason For Selling--Poor Health. Price reduced from $495,000 to $300,000. Complete. Moonans Real Estate, Boonville. 315-942-4824. Salesperson for appointment only. Joe Campany. 315-376-6868.

57 acres of pasture land. Good fences, water and grass. Ready to go. Moore Farms. 717-569-0416.

For Rent - 57 acres of fenced pasture with water. Will work on feeder shares. Box 52, Lancaster, PA. 17601.

For Sale - Dairy farm in Cumberland Co. Approx. 100 acres tillable plus pasture. Will consider sale, lease or trade for house or small farm. Reply to Lancaster Farming, Box 366, D-150, Lititz, PA. 17543.

283 acres operating dairy farm, 155 plus tillable, 3,000' river frontage, sandy & clay loam soil, 90 cattle, 44 milkers, some machinery ideal for dairy. Investment, retirement near Lake Ontario & St. Lawrence seaway, $156,000. Call 315-628-5850 between 7-8 a.m.-p.m. EDT.

For Sale - Charming old farm house and barn on 1 acre lot near Shunk. Sullivan County, PA. Pleasant location, drilled well, bathroom, 3 bedrooms. Located near State hunting lands. Call 717-924-3270 or write Darwin Crofert, Box 368, R.D. #3, Canton, PA. 17724.

AUTOMOBILES

'80 Olds custom cruiser new '83 Diesel engine, heavy duty suspension. Asking $4500. Excellent condition. 717-626-0284.

1974 Pinto Wagon, fair condition, make offer; 1976 250 Harley, excellent condition, $495. 717-367-0708.

For Sale - 1978 Chevy pickup, Silverado, big 10 rust proofed, air condition, posi rear V8 automatic, dual exhaust, new radials. Lebanon Co. 717-866-7213.

TRUCKS & TRAILERS

1977 Ford F-750 dump truck. 5 +2 sp., 391, V-8, air brakes, power steering, new paint, $6,500. Bucks Co. 215-297-8354.

U600 Model Mack single axle dump 673, Duplex, good rubber. 717-692-2086. Coleman's.

1977 Ford F350 Stake dump, auto., PB, good rubber. 717-692-2086. Coleman's.

1978 Chevy C60, 4 speed, V8, PS, PB, 18' Van body, new paint, good rubber. 717-692-2086. Coleman's.

For Sale - 1974 GMC, 22' flatbed, rebuilt engine, excellent condition. Call evenings. 717-943-2258.

Truck van bodies for truck or storage. 14, 16, 18 and 20 feet, $400-$800; 40' storage trailer, $1,500; Swing doors, tight, good condition. 215-286-5311. Berks Co.

'82 Ford F250 ¼ ton pickup, 300 6 cylinder, heavy duty, 4 speed, PS, PB, air, AM-FM cassette, radial tires, 22,000 miles, $7,500. 717-733-2873.

'83 Chevy heavy duty ¾ ton, 4 WD pickup, 350 4 speed, PS, PB, radial tires, 8600 GVW, regular gas, 18,000 miles, $9,350. 717-733-2873.

'82 Dodge Ram D50, 4 cylinder, 4 speed, 30,000 miles, $4,200. 717-733-2873.

'80 Dodge ¾ ton Club Cab pickup, 318 heavy duty, 4 speed, PS, PB, AM-FM, sliding rear window, 7500 GVW, excellent condition, $5,100. 717-733-2873.

FAULKNER

OLDSMOBILE • BMW • ISUZU

FAULKNER ISUZU

OUR ISUZU TRUCK SALES SUCCESS

IS BRINGING US ADDITIONAL ALLOTMENTS OF THE MUCH SOUGHT AFTER

TROOPER II

Your Waiting May Be Over If You Hurry!
Now In Stock For Immediate Delivery
You Can Only Pay As Much As . . .

$11,894

21 CITY
27 HWY

IF YOU WANT ONE THAT'S LOADED!
LOADS & LOADS OF OPTIONS

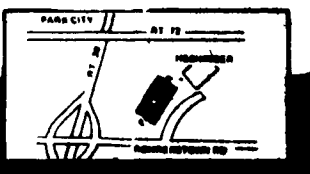
- 4 Wheel Drive
- Air Cond.
- Auxiliary Heater
- AM-FM Stereo Cassette w/4 Speakers
- Auto. Locking Hubs
- Body Side Mouldings
- Folding Rear Seat
- Floor Mats
- Rear Window Defogger
- Dual Mirrors
- Tinted Glass
- Sport Stripes
- Power Steering
- Rustproofing
- Luggage Rack
- Plus More

We Invite Comparison
We Know What They Have!!

WE BELIEVE IN ISUZU . . . DRIVE ONE AND YOU WILL TOO!!

Rt 30 & Rohrerstown Rd
Lancaster
299-0961
Monday thru Friday 9 to 9
Saturday 9 to 5

OLDSMOBILE • BMW • ISUZU
FAULKNER



REAL ESTATE

DAIRY IN PERRY - This 187 acre operational dairy farm is located in Central Perry County. Dairy barn w/Surge System, 2 Harvestore Silos, free stall barn, frame farmhouse, 110 acres tilled, 45 acres in pasture. Asking $350,000.
L.W. Brodiach Real Estate
R.D. #1
Newport, PA
717-567-6905.

SIMPSON COUNTY, KENTUCKY — 188 acre Grade A Dairy. Two homes, silos, Surge equipment, 500 gallon Bulk tank, 45 free stalls, other buildings. Growing Crops. 50 miles from Nashville, TN. Buy all or part. Call owner 502-586-5062.

Dairy Farm For Rent. Equipped facilities for 42 cows. 4 bedroom house available, brick. 155 acres of land. 301-686-8082 or 717-677-9590.

For Sale - 225 acre farm, Venice Center, Cayuga Co., NY. 140 acres tillable, 54 stanchion and tie stall barn. 2 silos, pipeline, 800 gal. tank. 8 room remodeled house, $200,000. Call 315-364-8846 evenings or weekends.

For Sale or Rent - 175 acre maple syrup farm. (2) houses, barn, (2) car garage, large shop, sugar house, established maple syrup business. South western, NY. Lovely rural setting. 607-478-8096.

NEW YORK STATE FARMS
209 surveyed acres, 124 tillable 55 pasture 30 woods 3 ponds brook new barn 40x150 with 58 ties. 2 18x60 silos, older 5 bedroom house has country kitchen 1½ baths. Overflowing well garage, $110,000 with owner financing.
264 acre working dairy with hall tillable, good 50 tie barn, 3 silos with unloaders, new Patz cleaner, 2nd barn. Excellent 4 bedroom home. 1½ miles road frontage 10 minutes to college city. $150,000 with assumable mortgage.
96 acre Angus farm with 2 ponds & stream. Automated feeding system. Very good house is mostly renovated. $93,000 with $25,000 down balance at 10%.
Robinson Real Estate
Box 6 Walton, NY. 13856
607-865-4416

170 A. + or - beef farm, limestone soil, stone barn, 18x65, 16x60 silos. Automated feeding, 3 cribs, numerous buildings. 9,500 ft. road frontage, 110 A. tillable, fenced pastures and 10 A. woodland. Beautifully restored pre 1830 limestone house, 9 rooms, 1½ baths, exposed beam ceilings in 7 rooms, 4 fireplaces, oil, baseboard heat, coal and wood stoves. Secluded. Included for development are 29.6 +/- acres with 3,700 frontage. Will consider sub-dividing. Newville area. 717-776-7187.

Franklin Co. Farm, 87 acres. 2 family farm house. Hagerstown soil, $139,000. J.L. Lutman, Real Estate. 717-267-1355.

For Sale By Owner - 143 acre beef, pork and poultry farm beside trout stream. 8 room house w/3 bay garage, barn, silo, corn cribs, timber, etc. Good hunting area. $150,000. Phone 814-276-3209 or write Perry Claar, R.D. #1, Box 296, Osterburg, PA. 16667.

For Sale - 1 room red brick school house near state game lands. 717-527-4093.

170 acre General Farm located in Huntingdon County. House contains kitchen, dining room, living room, family room, 4 bedrooms and bath. Bank barn (40x50), farrowing house (26x30), block garage and shop (18x20). Financing available. $117,900. Century 21, Don Rapp Realtor. 814-643-1004.

110 acre farm near Cooperstown, NY. Large 5 bedroom house, 2 full baths, 8 years old, full basement, large barn. Beautiful place, $75,000. Al Twomey, R.D. 1, Milford, NY 13807. Phone 607-286-3382.

For Sale - 185 acre farm. Owner financing. ⅓ down, balance ⅔ for 20 years at 8%. Locsted Eastern West Virginia, 75 miles west of DC. 304-263-9801.

For Sale - Approximately 55 acres with house, good barn and other outbuildings, 45 acres tillable, $55,000. Isolated location in Snyder County. Good well, drained soil. Contact George W. Robinson, Kreamer, PA. 717-374-8148 or 374-4394 evenings.

FARM FOR SALE
IN THE GAP AREA
(LANCASTER COUNTY)
60 acres more or less - 42 acres tillable, 18 acres meadow with 75'x75' pond, a large barn - 50'x60', medium size house, block building - 20'x40', block shed - 20'x40'. 1 acre picnic area with swimming pool - 20½'x44½', picnic Pavilion - 15'x30', small cabin-sleeps eight, water system with flush toilet. Call anytime. 717-442-4379.

SERIOUS OFFERS CONSIDERED - 103 plus acres of mountain land bordered by stream, located in Fulton Co. near the turnpike. Excellent hunting ground. For more information call Arvin Strite, ERA Garman Realty. 717-264-7999.

'69 Mobile Home 12x60, 2 bdr., 1½ baths, ideal for mountains or shore, good cond., many extras, must be moved. Asking $5,000. 717-569-0674.

40 acres Mt. top 3 cleared. Bald Eagle Twp. Clinton Co. 717-745-7777.

139 Acre Dairy Farm For Sale By Owner. 52 stanchions, bulk tank, (2) 20x60 silos, cement yard covered bunk feeder, good limestone soil, 4 bedroom brick house. Union Co. along Pa. 44. Owner Finance. 717-538-1815.

"Limited Amount Of Farmland For Sale: Owner Financed, 9½ interest, 20 yrs. to pay, No Down Payment, 1000/acre NET 1 to 250 acres available, for details contact Box 366 D-155, c/o Lancaster Farming, Lititz, PA. 17543.

FARM ON BRUSH CREEK
Bedford-Everett area; 65 acres with 35 tillable; 10 fenced pasture; plenty of water; woods for hunting; 9-room 2-bath home; 1-car garage; cattle barn; also a horse barn; 2 storage sheds; milk house; beautiful creek. No. B-4724. WEST REAL ESTATE AGENCY, INC., R.D. #5, Box 99, Bedford, PA 15522 or call (814) 623-8594.

For Sale - Fruit Farm located in Cumberland County near Newburg, PA. 100 acres, 75 acres in apple, peach, plums and pears and 25 acres in woodland located along Blue Mountain, beautiful setting. For more information call 717-423-5212.

FOR RENT - Dairy for 40+ cows & house. 315-549-8887.

FOR SALE BY OWNER - Farmette approximately 15 acres (will be surveyed). House - 3 bedroom, 1½ baths, remodeled 1980. Barn, chicken house and other outbuildings, in good repair. Extra 10 acres available. Central Juniata Co., PA. 717-527-2300.

For Sale - York County Butcher Shop w/storeroom. 12x20 walk-in cooler w/high tracks. Currently, Federally inspected for custom slaughtering. 717-246-2912.

FOR SALE - 3 acre FARMETTE, 7000 layer operation, 48 sow operation. Ammon F. Stoltzfus, Jr., RD 1, Grofftdale Church Road, Leola, PA. 17540.

DAIRY FARM - Bedford, PA. 265 acres. 10 room, 2½ story brick Century house, milking barn, 6 additional outbuildings. 133 acres of woodland containing approximately $100,000 OF HARDWOOD TIMBER. Fenced pastures, A.S.C. listed as better than average crop yield. Mineral rights included. Never failing well. Several springs, pond, and stream on farm. 123 acres of crop land. Soil and water conservation plan on file, $400,000.
Frank S. Harrison
Real Estate
Frankstown Road
Johnstown, PA 15902
814-539-2366

For Rent - Dairy Farm - 70 acres tillable, 25 acres pasture, 64 free stall barn with milking parlor, 2 silos with unloaders, 3 bedroom house available. 717-235-5128.

Berks County - secluded 18 acres approx. 13 wooded, 3 BR frame house, oil/wood heat, mod. kit. + bath, $79,500. 215-582-2646.

97 acre farm in Sullivan County. Large bank barn, farm shop, 2 car garage and other outbuildings. 8 room farmhouse with wood, oil, hot water heat. 2 ponds and stream, $98,000. Additional acreage and equipment available. 717-924-3293.

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

Southern Huntingdon County dairy farm. 175 acres with 150 acres tillable, large barn with 44 stanchions, 2 nice homes, stream and good spring on property. Many other extras, $315,000; Southern Huntingdon County dairy farm. 111 acres, extra good home with 7 rooms and 2 baths. Good barn with 27 stanchions, milk house and wagon shed, $125,000. Colonial Real Estate Agency. 814-447-5511.

Wanted To Rent - Steer farm in Dauphin, Cumberland or Franklin Counties. Would consider other counties with good growing conditions. Call 717-569-4762 or write Lancaster Farming, Box 366, L-25, Lititz, PA. 17543.

For Sale - 1½ acre lot near state game lands and creek. 717-527-4093.

1ST CLASS DAIRY FARM
Troy, PA area; outstanding value; 375 acres; 235 tillable; 46 fenced pasture; picturesque stream; 8-room & bath home; extra trailer accommodations; 2-car garage; A-1 dairy barn 45x118 with all modern equipment; milk house; 4 silos & unloaders; 2nd barn 40x80; machine shed 60x45; corn crib; grainery; on paved road with school bus. No. 6633. WEST REAL ESTATE AGENCY, INC., 105 E. Main Street, Troy, PA. 16947 or call (717) 297-4410.

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044. 800-922-1235.

FIRST TIME ADVERTISED - 52 acre farm 3 miles from Elizabethtown. Public sewer on the property, 35 acres tillable, balance pasture, buildings, need work. Priced right on the money at only $110,000. Call now don't delay. Ask for Victor Koser. Office 717-367-8508. Home Phone 717-653-4075.

DOWN A COUNTRY LANE the buildings are in excellent condition and set way back off the road. 50 fruit trees, walnut trees and 40 acres to enjoy w/a terrific view. Call today, just outside of Mount Joy. Ask for Victor Koser. Office 717-367-8508. Home Phone 717-653-4075.

Mosemann Realtor, 717-859-1004. West Brandywine, Chester Co. 130 acre general, Little Britain, Lanc. Co. 75 Acre dairy. Oxford, Chester Co. 100 acre dairy, (SOLD). Information Call 717-529-2678.

NEW YORK STATE LAND: 210 rolling acres with large barn, spring and pond site. Mostly meadow, has 1360 ft. of road frontage. 2 miles to small village, $76,000 owner terms. 180 acres abandoned farm on dead end road. Large barn, house shell, good spring, small pond. Spectacular views. About ½ open rest pasture and woods, $85,000 owner financing. 46 acres bordering State Land with brook and pond, 600 ft. road frontage, ⅓ meadow, $28,000. Robinson Real Estate, Box 6, Walton, NY 13856. 607-865-4416.

100 acre Southern NY farm, refurbished house, w/w carpeting, electric heat, wood stove, bank barn, machine shed, out buildings. Picture postcard setting. Valley inside a mountain. $69,000. 215-754-7316.

FOR SALE
75 Acre 65 tillable
1- 30'x30' Shed
Leb. Co.
Jonestown
$1600 Acre
717-933-8943

221 ACRE FARM
2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake.
For Sale or Lease
Owner financing.
607-243-8669

BROILER FARM
53 acres w/pasture and barn, remodeled home. (2) 2 story broiler houses.
Manheim R.D. #3
717-665-6656

NORTHERN BERKS COUNTY
60 acres - 45 tillable. 35,000 cap. layer house on contract. Bank barn remodeled for horses, 10 stalls. 4 bedroom farm house. 12x60 Mobile home with own septic. Second approved mobile home site, with all hook-ups. 2 wells. Tractor and farm equipment included. For more information call:
215-562-7776

FARM
150 acre operating dairy farm, 120 acres tillable, 22 in fenced pasture, year round stream, 3 floor bank barn, 40 cow free stall loafing barn, 20x60 silo w/ unloader and conveyor, 50x25 hog pen plus other necessary outbuildings and a 7 room framed farmhouse.
Call
Ronnie Martin Realty, Inc.
Waynesboro, PA
717-762-9105

YORK COUNTY
61,000 Capacity Cage Layer Operation
w/52x400 aluminum poultry house, Big Dutch machinery, Hart Cup water system, Staalkat aid packer. All modern equipment 5 years old.
Farm has large modern rancher on premise on 22 acres. Contract is available w/bonus. Average performance & projected cash income available to qualified buyer. F4637
KEY REAL ESTATE
717-632-6400

FARMS FOR SALE
LANCASTER COUNTY
South of Lancaster. 94 acre Dairy Farm
CHESTER COUNTY
190 acre Dairy Farm, Oxford area
158 acre Dairy Farm, Oxford area $2,225. an acre.
80 acre Dairy Farm, Oxford area.
UNION COUNTY
33 acres along Penn Creek Road Frontage, no buildings, meadow, woods, creek. Build your summer home This is a Daniel Boon Site. More Elbow Room.
WE HAVE MORE FARMS FOR SALE
Maurice E. Lehman, Broker
717-394-2460
Daniel E. Snader, Agent
717-656-7789

SANFORD G. LEAMAN, REALTOR
717-569-4264
Auctioneer
ESTATES • APPRAISALS • LIQUIDATIONS

BRADFORD COUNTY
Less than $650.00 per ac. for 60 acres tillable river flats with exc. soil. 2 silos, unloader & barn cleaner & 36 tie stalls Home partially remodeled. 209 Acres total for a super buy at $135,000.00.
23 Acre Farmette with 2 story 3 bedroom house, detached garage & loft A Real Charmer and great hunting. ONLY $37,500.00.
Real sharp 106 acre dairy with 50 cow barn on pipeline. Barn cleaner, bulk tank, machine shed, 4 silos with unloaders, bunk feeder. 3 miles from Wyolusing $165,000 with $130,000 FHA assumable 4 bedroom home with oil heat and hot water heat. 1½ baths.
Operating 345 acre dairy farm with an access of 180 acres tillable plus approx 80 acres or more pasture. Balance, woods and timber. Beautifully modernized 200 year old home plus a second home. 54 tie stalls, milk house, bulk tank, silo with unloader Room for young stock. Can be bought with stock and equipment for a turn key operation. Call David and Laura Cooley. 717-744-2587.

CENTER COUNTY
New building since 79'. 87 acres. Most all tillable. Dairy barn, milk house and other out buildings, $125,000

CUMBERLAND COUNTY
Going dairy farm with quick possession if needed. Modern setup and limestone soil in Mennonite area.

HUNTINGTON COUNTY
130+ acre dairy, excellent farm with private financing Call 717-569-4264
85 ac. woodland near Orbisonia. Subdivision possible.
191 ac. General farm in the Three Springs area. Excellent for subdivision with good amount of road frontage.

LANCASTER COUNTY
Modernized Stone Farm House with Large Bank Barn with Attached Tobacco Shed, Corn Barn on 62 Acres of Excellent Farmland. This One Is Ideal For an Executive Horse Farm, Hog Farm or whatever you wish.
37 acre poultry and general farm with double brick and frame dwelling. Other out buildings. Lots of road frontage, excellent soil. Fall possession. Call 717-569-4264
Modern dairy with Lg. stone farm house in National Register, sm. brick home, tobacco shed, corn cribs, silos & unloaders, Limestone soil in a high state of cultivation. Available fall 1984 NOT AVAILABLE through any other broker.
Feeder pig setup with liquid pits, feed bins, modern crates and nursery pens. Tobacco shed and silo on 50 acres limestone farmland. Large 4 bedroom modernized farmhouse ready for your inspection.

NORTHUMBERLAND COUNTY
Dairy farm with brick house, 12 cow milk stable, 2 Star silos w/unloaders & 40' x 132' commercial bldg. priced for quick sale and possession. 200 acres plus with more land available w/modern free stall dairy operation and double 6 parlor Too many extras and features to describe here A Real Buy.

PERRY COUNTY
20 acres mostly wooded, nice 2½ story dwelling, large pond, good for a hunting lodge or retreat, close to Fowler's Hollow.
130 ac general farm, 100 ac. tillable, stream, 1800's double stone home. Large bank barn, lots of road frontage and owner financing.
59 ac. with 49 ac. farmland. bal. wooded, no bldgs., only 10 miles from Carlisle. JUST REDUCED.
68 acres in Blain area with house, barn, and cabin ideal for a sub-division. There are approx. 10,000 fir trees planted for your future sale & income, 717-536-3236.
Mountain land in many counties some with cabins, springs, water, timber and road frontage Good deer, bear and turkey areas.

SNYDER COUNTY
118 acre modern dairy 4 bedroom house. Fall possession, $215,900.
135 acre dairy with 25 A. woodland balance pasture and farmland. An excellent farm for the money. AVAILABLE FALL 1984.

SUSQUEHANNA COUNTY REDUCED to $129,500
110 acre dairy with 70 acres tillable, 66 stanchion cow barn, bulk tank, barn cleaner, silos & unloaders. Call David and Laura Cooley at 717-744-2587.

For all your REAL ESTATE needs in any COUNTY call us we're the REAL ESTATE professionals.

BRADFORD CO. AREA. MR. DAVID A. COOLEY, SR. AND MRS. LAURA M. COOLEY (717) 744-2587.

PERRY CO. NEIL WINGENROTH (717) 536-3236.

101 White Oak Drive
Lancaster, Pa. 17601

REAL ESTATE

REAL ESTATE

REAL ESTATE

H-534 - Huntingdon Co. - approx. 27.8 A. undeveloped land, part open, part wooded; within 15 mi. of Raystown Lake. Owner financing to qualified buyer. $28,000.00.

F-561 - Fulton Co. - approx. 1.139 A. with mobile home & outbuildings; located in good hunting area; within 15 mi. of Meadow Grounds Lake, $15,000.

B-516 - Bedford Co. - 256 A. undeveloped land.

F-530 - Fulton Co. - 2-story older home on approx. 2 A; would make hunting camp. $20,000.00.

Century 21®

Alleghenies East
Real Estate
2 West Main Street
Everett, PA
814-652-5455
Realtor-Associate,
Jane Y. Martz
(717) 485-5521

For Sale:
Beautiful 700 acre farm northern Potter Co., PA. Asking under $600/acre. 2 barns, machinery building, shop, etc. nice house, 250 acres tillable or in pasture. Remainder in woodland. Free gas plus gas rentals. Some owner financing. Make offer. Will Divide: 450 acre prime woodland, 250 acre farm.
814-698-2400

Somerset County, PA For Sale
Dairy farm complex 2 miles southwest of Somerset 107 cow free stall barn 80x165, heifer barn 30x108, Machine shed 40x60, 1,800 ton maintenance free concrete trench plus brick ranch style home with attached 2 car garage Buildings of new type construction on 46 acres of prime developing land All for $276,000 Also milk store for lease and 400 acres of land for sale or rent Phone 814 445-2227 or 814-445-6841

FARM AVAILABLE NOW PRICED TO SELL!
120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM

FOR SALE
Hog Operation and Farm, 69.5 acres. Two Modern Hog Buildings, 28x148 and 32x148, nice setting, Southern York County.
$250,000
Phone: 215-353-0553

NEW FREE! FALL & HOLIDAY '84 CATALOG
266 pages, over 5400 properties, 2300 pictures! Values in every type of real estate, many owner financed! From 600 offices in 43 states Get your FREE copy NOW!
STROUT REALTY
P.O. Box 2165,
Dept. 6490
Binghamton, NY 13902
Call TOLL FREE·
1-800-641-4266

BERKS CO. POULTRY FARM
60 acres, 35,000 capacity layer house, farm house, bank barn, 2 approved mobile home hookups, room to expand in quiet rural setting of dairy farms.
215-562-7776

SHEETZ REAL ESTATE
RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA
CALL 653-1481
FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

TIOGA COUNTY
125 beautiful acres South of Wellsboro. No Buildings, approx. 80 acres under cultivation, the balance woodland. Excellent spring and pond site. Owner will provide long term financing at 10% simple interest. Sale Price $82,500.
FREE CATALOG AVAILABLE
Wm. P. Connolly RE Co.
Box 467
Wellsboro, PA 16901
717-724-2565

MODESTLY PRICED FARM... 80-acre hilltop Pa farm with long view 34 acres tillable, about 30 acres wooded provides firewood & good hunting 3 springs 4 bdrm farmhouse, barn, other bldgs. Only $69,000. Call or write for free catalog.
UNITED FARM AGENCY, INC.
612-RLF West 47th St
Kansas City, Mo. 64112
Ph. Toll Free:
1-800-821-2599

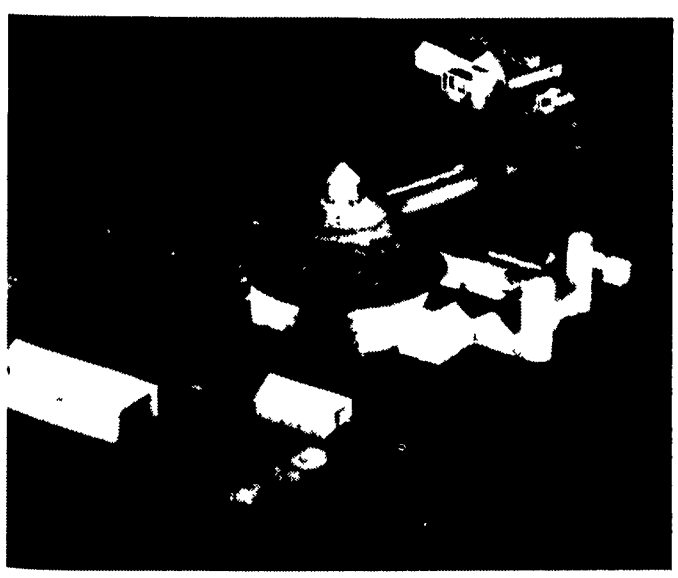
ROBERT T. COATES, REALTOR
Gap, PA 17527
717-442-4134
PRICE REDUCTION
Centre Co Dairy Farm - 120 Acres, 100 tillable, good house, implement sheds, silos, workshop, large barn w/horse stalls, calf pens, 41 tie stalls Now priced at $287,500
Jack Delp
Realtor Associate
717-354-9534

50 acre York County Farm
FINANCING AVAILABLE
Excellent Condition
COLDWELL BANKER
SLAUGH COOPER INC
393-0782
or
872-2023 (eves)
Jerry Swope

REACH OUT
AND TOUCH NO ONE

18th Century stone estate surrounded by 90 acres of timber, orchards, and contoured farm land. Walls which are 2-3 feet thick are a tribute to the unknown masons and stone workers who crafted the estate house. Within the home, five fireplaces... carefully turned balustrades.. hand-tooled door latches and fixtures... wide time-rubbed flooring... deep set windows... and airy space, all give the manor a tone of strength and grace which is rarely found today. To live here is like sensing the essence of a Wyeth painting. Bank Barn, restorable tenant house & other accessory buildings. Southern York Co. Brochure upon Request.

Pennsylvania Realty Corporation
Main & Chestnut Streets
Wellsville, PA 17365
(717) 432-9726



WHEN TASTE IS IMPORTANT
Round Barn Orchards...

Over 285 acres featuring approximately 7,000 apple and peach trees, fields of rye and strawberries Round Barn Orchards is a producing farm

Buy, beyond its commercial value, the property offers the owner rare architectural value and comfort The Master House is a Victorian treasure with superb oak woodwork and crafted appointment throughout. Burnished hardwood floors, period fixtures, parlors, and "Auntie Mame" porches add to the unique and comfortable character of the home There are three floors brightly windowed and six bedrooms, the most impressive of which is the master bedroom The house must be toured to appreciate its timeless elegance

And attention centers on the structure which gives the property its name the Round Barn a design which is becoming extremely rare among agricultural buildings today Besides its aesthetic domination of the acreage, it is a fully functional structure

Various other structures smoke house, tractors, sheds, workshop, etc complete the value of Round Barn Orchards

Whether purchased as a full farming operation or as an estate with subleasing privileges, Round Barn orchards would be a superior acquisition.

Adams Co. - Brochure Upon Request

PENNA FARMS
CUMBERLAND CO.

New Listing - 85 acres general. Bank barn, pole implement building, 2 story frame dwelling, stream, road and creek frontage Owner financing

153 acre dairy. 40 comfort stalls, additional lounge area, DeLaval pipeline milkers 1500 gal tank Patz stable cleaner, 2 story brick dwelling, road frontage, beautiful view

60 acre beef & hog. Limestone soil, road frontage 3-bedroom log dwelling

FRANKLIN COUNTY

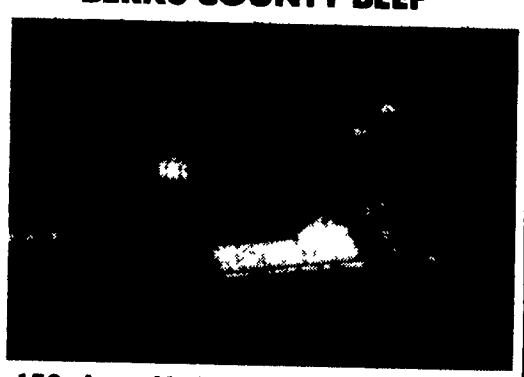
150 acre m/l dairy. 73 tie stalls 800 gal Girton tank dumping station DeLaval milkers 16x50 stave silo Badger stable cleaner stream through pasture, road frontage, 9 room brick dwelling needs some repairs Just $160 000

168 acre dairy. Limestone soil, 38 stanchions, pipeline milker, 1000 gal tank, 44 free stalls, 40x70 pole barn, 3-bedroom stone dwelling, road frontage

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

new pennsylvania realty, inc.
717-386-5000 Schuylkill Office

BERKS COUNTY BEEF



150 Acre Modern Beef Farm with 2 Harvestores, 4 Lot Bunk Feeder, Slurrystore, Equip. Shed And Much More

PRICE REDUCED CALL FOR APPOINTMENT

Call **CARL JOHNSON**
215-367-6160

CLINTON CO:
80 acres - Dairy Barn 36x175 w/Loft Four Silos Two Story horse stable w/nine stalls Other equipment sheds and maintenance shop Two Story four bedroom home Four car garage Fronts on Rt #150 Public water and sewer available
"Star Real Estate"
Lock Haven, Pa.
717-748-9519
evenings 726-6396

CAN YOU BELIEVE
Williamsport farm ground $1,200 per acre Total farm fairly level 160 tilled, 284 acre farm, 64 stanchions 24x70 silo, Agway shed 120'x38' & 38'x20', 1,000 gal bulk tank, 90x50, loafing barn, two 4 bedroom houses, horse stables Check it while available

IDEAL PRODUCE FARM
For store, hardware, large business shop or warehouse on 10 acres w/4 bedroom house large modern cage layer house, can have horses, steers, pigs

CENTRE CO.
45 acre general farm 14 room house, frame barn along Rte 192, Rebersburg PA

MANHEIM
7 acre farmette, 2½ story 4 bedroom house, barn & two car garage

Auctioneer Service
MELVIN S. BINKLEY
Insurance & Real Estate
Rt. 272
Reamstown, PA 17517
717-738-1458

Northumberland County
Danville, PA
33 acre farmette, 4 bedroom rancher - built 1974. Breezway, attached 2 car garage, family room with fireplace, 1½ baths, Also 2 story cinder block 54'x60' sow complex. New 1983 - Butcher shop, pond, fruit trees. A real buy at ~~$110,000.00~~. $99,900.00. Also other farms in the Danville area.
Walter B. Laubach, Sr.
Real Estate
Box 103, Danville, PA 17821
Call 717-275-2491
or
John C. Genth, RES
717-286-9380 evenings

LUTZ AGENCY
246 W. Main St.
Bloomsburg, PA 17815
717-784-2223
BLOOMSBURG/DANVILLE AREA
15.5 Acre Dairy - House, Barn & Equipment - All in excellent condition.
48 Acre Dairy - Good Buildings & Location
79 Acre - 64 Tillable. House, Machine Shed, Barn.
135 Acres - 120 Tillable. Good Buildings, Nice Location.
164 Acres - 140 Tillable, 2 Good Sets of Buildings.
265 Acres - 193 Tillable Restored 200 Yr. Old Home, Barn 2 Bd Rancher

These farms are some of the best farms available. COME SEE THE GROWING CROPS.
For information & additional listings, call or write:
Paul Zeisloft
RD 3, Box 212, Danville, PA 17821
717-437-2305 Evenings

SCHUYLKILL COUNTY
140 acre farm/or smaller tracks, 25 miles north of Allentown along highway Rt. 443, West Penn Township. Includes mature woodland, trout streams, and springs. Also, a 2½ story 8 room home, large bank barn and other outside buildings. Ideal for general farming, horses or investment. Assumable mortgage available. For more information contact:
Doug Houser
Homestead Realty Co.
215-799-4711 215-799-2396

64 acre farm. Bank barn with wagon shed and milk house. Large implement shed. 2 story 4 bedroom house. Limestone soil. Fenced pasture. 50 acres tillable. North Newton Township, Cumberland Co.

34 acre farm. Bank barn. 3 bay garage. 2 story 3 bedroom house. Fenced pasture. Limestone soil. Substantial hard road frontage. Buildings in good condition. South Newton Township, Cumberland Co $89,500.00
Evenings and weekends Stan Spencer
(717) 776-3855
REVERE REAL ESTATE
115-119 West High St.
Carlisle, PA.
PH. 243-9200

NORTHCENTRAL, PA. FARMS & INVESTMENTS

TIOGA COUNTY PULLET FARM
Opportunity for those wanting to relocate out of the flu area. 26,000 bird coop in excellent condition. Attractive long term lease available. 66+ acres plus several other out buildings & barns. Beautiful 2 story, 4 bdrm home. Just $169,000 M-643. Seller motivated to move closer to home. Wants to sell now!

180 ACRE DAIRY FARM
Approx. 180 tillable, 66 tiestall barn in 3 rows. Pipeline w/800 gallon bulk tank. 20x60 w/unloader. Mow conveyor. Heifer barn & machinery shed. Remodeled 4 bdrm home. Approx. $130,000 of existing FLB & (FHA 5% int.) farm loans. Negotiable possession. Priced right at $165,000 M-603

THE Real Estaters
Offices: Area Code - 717
Tioga, Potter & Bradford Counties call or write
MANSFIELD, RD 1, Box 41 662-2138
TOWANDA, Bridge St 265-3171
OUR #1 AIM IS SERVICE

PITMAN
Schuylkill County, Pa.
70 ACRE FARM
Dwelling with Heat & Bath. Barn, other Outbuildings approx. 30 Acres Tillable, balance Pasture, small Stream, Fruit Trees $70,000.
GEORGE N. DEIBERT, REALTOR (717) 425-3313
Lanny Lupold, R.A.
(717) 682-9494

WIMPLE REAL ESTATE STATEWIDE FARMS

EASTERN NEW YORK
BRICK COLONIAL STARTER FARM: some work needed here, but what a farm you'll have when you're finished! Farm has 150 acres, 100 tillable alfalfa soils Brick colonial home with nice lines, 2 baths and small apartment Quanset roof barn has 40 ties, cleaner, bulk tank JUST LISTED! $69,000 CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

CENTRAL NEW YORK
NEW SILO... NEW MACHINERY on this 182 acre farm with 120 tillable Barn has 55 stalls on new 2" pipeline, Patz cleaner, 18x60 and 14x40 silos good heifer facilities Two good homes, 12 and 6 rooms INCLUDES 50 milkers, 20 YS, 4 tractors, exceptional machinery line CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

SOUTH CENTRAL NEW YORK
CHOICE SECTION OF CHOICE COUNTY: 429 acre dairy farm with nice laying land Barn has ties for about 70 milkers, pipeline, (2) 20x60 silos w/unloader 1000 gallon tank Nicely modernized 5 bedroom home INCLUDES 70 milkers, 3 tractors and all machinery for $250,000 CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

FREE DAIRY CATALOGUES.

FARM OPPORTUNITIES

LANCASTER CO. FARMETTE
Attention horse lovers. Farmette with stone farm house. Completely remodeled. Horsemen will delight with new horse barn and riding rink Everything in excellent condition Priced to sell North of Lancaster.

DAIRYMAN'S FARM
85 comfort stalls, 7 box stalls, 8 milking units, 2" pipeline, 1500 bulk tank, 16x65 silo, Patz cleaner, Patz manure pump to Lagoon 1 yr. storage, 141 acres, 118 acres alfalfa, limestone soil. Immediate Possession. Good area of Central PA. $425,000.

SOLANCO
60 Acres, 16 stall horse barn w/tack room. 2 story 4 bedroom, 2 bath home w/2 car garage, mobile home adds additional monthly income. 30+ tillable, woods & fenced in area. Call today, $165,000.

ATTENTION INVESTORS
YORK COUNTY
Under $2000 per ac. Limestone, ex. cropland level to easy slope, 130 tillable ac. + some woodland, no buildings.

Also, nearby 135 ac. grain farm, large stone home w/character. Owner ready to negotiate to your advantage. If you prefer will lease back land for 5 years at 100 per tillable acre. Be sure to call on these.

Southern York Co. farm, excellent soil, some pasture & woodland, ideal setting, road frontage, loose housing for 100 head, bunk feeder, buildings in good condition, brick farmhouse, 75 acres, 30 minutes from Baltimore, priced to sell at only $199,900.

LANCASTER CO.
A Lancaster Co. Farm for horses, hogs, vegetables, sod or other uses. Rolling land w/frontage on Rt. 23, beautiful creek for irrigation. Must take a look at this farm, 48 acres. Priced at only $139,500.

BEAUTIFUL HILL COUNTRY
South of Selinsgrove, 15 acres, frontage, stream, woods, deer hunting, 1 mile to good fishing, 2 story house w/2 car garage, quiet location. Priced in the mid 30's.

MONTOUR CO.
108 acres secluded w/view, nature lovers delight Walk among streams, pine, hemlock and walnut trees. Harvest wood for your winter use, 60 acres of tillable contoured fields, good soil. Low 90's Possible owner financing. Just minutes from Danville and Interstate 80 Sunbury.

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

VISIT WITH US AT AG PROGRESS DAYS!

Whether **BUYING or SELLING...** stop by our booth and we'll talk it over. We have, or will find, the right land, farmette or farm to suit your needs.

Looking Forward To Seeing You!

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

WE HOPE TO SEE YOU AT PENN STATE'S AG PROGRESS DAYS

If you are thinking of buying or selling a farm in central Pennsylvania, we would be happy to chat with you. We presently have a large selection of farms, recreational properties, land parcels, and cabins. Free brochures and lists will be available. Our display will be located along Main Street near the intersection with West 6th Street.

FARM AND LAND DEPARTMENT
Fred Strouse (814) 364-1705
(Bedford) Richard D. Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194
Don Myers (814) 422-8111
Mel Rockey (814) 466-6688

KISSINGER LEONARD & BROWER Realtors
Frederick J. Kissinger, Realtor
William H. Leonard, Realtor
Ralph F. Brower, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

The Professionals in Farm Real Estate Service
SALES • RENTALS • APPRAISALS • PROPERTY MGMT • DEVELOPERS • FARMS

NORTH CENTRAL IOWA - SOUTHERN MINNESOTA
FARMS FOR SALE

171 ACRES: Near St. Ansgar, Iowa Has beautiful older home, productive soils, and cattle buildings 20 Year Seller financing offered

320 ACRES: Located near Osage, Iowa with near new home, 300 crop acres and good soils

200 ACRES: Near Stacyville, Iowa has dairy facilities and grain storage 185 crop acres Seller financing available

120 ACRES: Located on the Iowa-Minnesota border, has 110 crop acres, good home and an older set of buildings Seller financing available

320 ACRES: Near Osage, Iowa with older cattle and hog facilities, lots of grain storage and older home 269 productive crop acres Seller financing available

425 ACRES: Located near LeRoy, MN with newer cattle and hog facilities, two machine sheds, 120,000 bu grain storage and good home Seller financing available

For more information on our locality or detailed brochures on individual farms contact

MIDWEST
REALTORS & FARM MANAGERS
Realtors • Farm Managers • Appraisers • Real Estate Auctions
521 Main St P.O. Box 149 Osage Iowa 50461 (515) 732 5531

HIDDEN VALLEY RANCH - West of Penn Yan Yates County New York, 75 acres fertile valley bottom land, good L-shaped barn 8 horse stalls and heated workshop Insulated 4 bedroom Victorian home circa 1850's in excellent condition Asking $125,000 with financing 205H

Century 21
Four Seasons
Real Estate
Penn Yan, NY
315-536-7456

HOG FARM

Ideal Setup for 120 Sows
New 36x50 farrowing house, approximately 18 acres.
Ideal setup for horses.

Mostly fenced large 4 bedroom home extra large barn lots of storage Could be easily arranged for horse stables

Located below Willow Street
Call now for inspection!
$119,000

Hammon K. Graybill, Jr., Inc. Realtor
717-397-3571

SOUTH CAROLINA
684 ACRE IRRIGATED DAIRY FARM IN HIGH STATE OF FERTILITY

INCLUDES: 200 high producing Holstein cattle, all farm equipment, parlor w/1500 gallon tank, 6 silos, covered feed bunk, feed processing center, slatted floor calf barn, 3 nice homes, in-ground pool. Prime Location Owner Financing Will Divide.

Numerous Other Farms of All Descriptions

Call Jim Kees or Johnny Bonnette at 1-803-534-1552

Century 21 Associated Brokers
P.O. Box 1222
Orangeburg, SC 29116

GETTYSBURG AREA FARMS

100 ACRE FARM - With large Pre-Civil War brick home, outbuildings include brick bank barn, masonry dairy barn, milk house and silo. Quiet setting with ⅓ mile road frontage. $179,000 (#10022LF)

IN GOOD PRODUCTION - 126 acre farm with 2½ story Pre-Civil War house, 2 car garage, bank barn and outbuildings. 120 acres tillable. Great for grain, horses or cattle. $197,500 (#13191LF)

MARSHALL L. MILLER, INC. REAL ESTATE
717-334-6283 or
Outside of Adams Co.
Call 1-800-443-2781, Ext. C-53

UPSTATE NEW YORK BEAUTIFUL FINGER LAKES AREA

90 acres, 60x60 pole barn, good 8 room home. Located on dead end road.

75 acres, 5 acres vineyard, 3 bedroom ranch home, full basement, 1 mile from town.

384 acres, 75 free stall barn, milking parlor, 3 silos, 9 room home full basement, wood and oil furnace. Will sell bare or stocked and equipped.

220 acres, 50 tie stall barn, pipeline, tank, cleaner, 2 Harvestores, 1 concrete silo, 10 room home with beautiful, large modern kitchen.

186 acres, 60 acres of Alfalfa, 52 tie stall barn, high moisture Harvestore silo. Will sell all or part of acreage.

120 acres, small barn, 8 room home with natural gas.

Garage - used car sales, equipped or real good place for machinery sales.

Cottage - Lamoka Lake - 75 foot front on lake.

Call ANYTIME
J.R. Allen, Broker
Dundee, N.Y. 14837
607-292-3180

#461 Cobleskill: 300 acre crop and dairy farm. Good barn for 50 cows ready to go River bottom land plus complete corn drying operation. Very Good home. Must see.

C-63-F Morrisville: A real showplace 410 acres, 300 level tillable acres. Excellent 72 tie stall barn plus 2nd barn for 50. Several outbuildings and equipment sheds. 4 silos. Excellent Colonial 5 bedroom home. Just listed at $300,000 90 Holstein cows 17,000 DHI average plus ys and complete equipment for $150,000

C-140-R Cooperstown. 210 acres 115 tillable good 48 cow barn and 2 silos. Good 11 room home, several outbuildings. Excellent setting, near Otsego Lake. Asking about $125,000. About any reasonable deal can be made here

COUNTRY BOY REALTY, INC.

140 East Main St. Cobleskill, New York 518-234-4371 Phil King Don Burton	165 Main Street Cooperstown, New York 607-547-2503 Doug and Betty Coutlee	Venice Center New York 315-497-0155 Chip and Kathy Pratt

5% ASSUMABLE MONEY??

It's true! Farmer's Home Loan available to qualified candidate to begin working this 176 acre 150 tillable dairy or ideal for beef or horses Very private, secluded setting Special unspoiled Colonial home with hand hewn beams, new kitchen. Older barn w/40 stanchions and 30 stall heifer wing; needs some fixing but what great terms here! Offers wanted now.

"OWNER FINANCED DAIRY"

Nice smaller farm and what a terrific owner to deal with! Good 4 BR Colonial home. Barn houses 40 head 116 acres, 100 tillable level easily worked fields. Asks $85,000, wants to talk terms and money down.

"FAMILY-FARM SWEETHEART"

Beautiful setting, super land and buildings, top herd of 100 Eastern Bred Holsteins, and immaculate equipment line-up, package this prize-winning stocked and equipped dairy. 233 acres, 130+ tillable, 2 ponds. 5 bedroom home completely remodeled, vinyl sided. Inground pool. Barn ties 85, 2" pipeline, 2 silos. Fantastic water. A better farm you won't find for $287,000 with terms.

RMS HOMESTEAD REALTY
Auriesville Road RD 1
Fultonville, N.Y. 12072
518-922-6301 or 518-922-8899

5 AC. CAMP
stream, ponds all utilities $11,500 (M1492)

RETIREMENT CHEAP
nice clean 3 BR home in small village $19,900 (M1502)

24 ACRES
woods/open/pond $12,000, $4,500 cash, 12%, 10 yrs $107 60/mo (M1536)

40.7 WOODED ACRES
stream, very private some timber $25,900 (M1548)

90 AC
near State Park & State Land Good investment $47 500 (M1561)

FARMETTE
13 ac 5 BR ranch, garage, greenhouse, $55,900 (M1596)

FREE LISTS

ERA-Homestead Realty
267 S. Main St
Mansfield, PA 16933
717/662-3287

REDUCED LOG HOME
retreat Garage, workshop, 13 ac, Cherry Springs, $63,500 (D338)

DAIRY OR BEEF
390 ac, 135 ac tillable, Tioga County, $175,000 (D310)

CAMP NEAR
Hills Creek Old mobile Furnished, 2 ac $10,900 (D318)

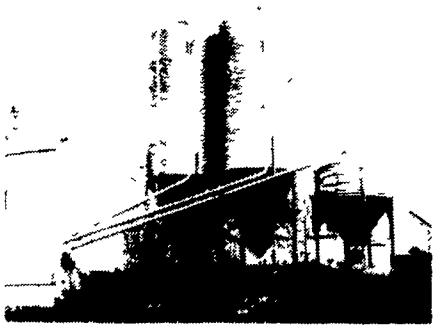
RETREAT
near 2 dams 18 ac, well maintained house $47,900 (D354)

MOBILE HOME PARK
9 ac, 9 slots, 4 BR house, 40x40 garage $69,500 (D329)

FREE LISTS

ERA-Homestead Realty
168 W. Main ST.
Westfield, Pa. 16950
814/367-2222

LANCASTER COUNTY
New Listing



110 acres, modern controlled environment, hog facility, 800 head, nice brick house, limestone soil, Marticiville Rd.

CUMBERLAND COUNTY
New Listing

Auction Barn - Restaurant - Furniture Store. Call Mr. Baum. Many other farms for sale not listed here, including several tracks of mt. land for cabins and so forth.

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum Carlisle 717 776-3967	Harlan Keener Willow Street 717 464-2669	Mahlon Oberholtzer Lancaster 717-392 1177

Broker J Irvin Denlinger
717 898 8962

OPERATING DAIRY - Showplace

This 208 acre Dairy is a beauty. The main house is a remodeled 2 story brick 4 bedroom home which is tastefully decorated with new kitchen. Tenant house is in good condition & has 3 bdrms. There is approx. 75 tillable ac, balance is good pasture & woods. Farm has approx. 7500' of road frontage with gorgeous views. Main barn has 69 stanchion, S.S. pipeline, 500 gal. S.S. tank w/plenty of room for hay storage. There is a new heifer barn, shop, corn crib, 3 silos. This would make an ideal family farm. Priced at $250,000. Owner financing available to qualified buyer. Additional land available for long term lease. W-882

Beef or hobby farm on 109.9 ac. Small stream near barn, 4 bdrm. house, country kitchen, formal DR, enclosed porch, 1½ baths, attic space for storage, chimney for woodstove in LR, barn suitable for beef, horses or storage. W-791 $75,000

House, barn, garage, storage shed on 77+ acres, 40 ac tillable, 20 ac. woods, bal. pasture. Beautifully remodeled farmhouse, kitchen w/eat in area, laundry rm, DR, LR, Fmly rm. or office and bath on 1st floor, full bath & 3 bdrm 2nd floor, 40x60 bank barn in exc. condition, ideal location for horses, sheep, etc. NG steam heat, full dry bsmt, rural yet not isolated, on hardtop road. W-827 $109,500

COUNTRY ESTATE

Beautifully landscaped farm on 27+ acres, lovely Colonial 2 story, 3 or 4 bdrm home, family room w/woodstove, 2 baths, laundry, enclosed porch, 2 car garage, excellent shop, chicken house or storage barn, large barn for cattle. W-824 $112,000

EXECUTIVE OR GENTLEMAN FARMER

Immaculate 8 year old 2 story home on 21.4 acres, fenced with barn and other outbuildings. Custom floor plan with 4 bdrms, kitchen, formal dining rm, living rm. w/cathedral ceiling, finished family rm in basement. W-822 $125,000

Century 21®
THE REAL ESTATERS OF WELLSBORO
120 East Ave., Wellsboro, PA 16901
717-724-5921
Call or write for free list.

SOUTHERN NORTHUMBERLAND CO. & SURROUNDING COUNTIES

Danville-140 acres, 85 nice tillable acres, large house, large barn for beef. $159,000. Call Peter.

Executive Farm 118 acres, 100 acres tillable Colonial Brick home, completely renovated inside and out, all barns new or rebuilt, large greenhouse $289,000 Call Peter.

63 acres, 50 tillable, 42,000 bushel grain bins, elevator & dryer, all new buildings. $165,000. Call Peter.

110 acre farm prime land, large home, 90 tillable, large bank barn, $179,000. Call Peter

60 acre farm, lg. home, wood or oil heat, bank barn, small orchard, $79,000. Can be bought with equipment extra. Call Peter.

Herndon Area 2 Farmettes $35,000 & $49,000 Call Peter.

Lykens Valley 90 acres, 85 tillable, 3 bedroom home, large bank barn, $225,000. Owner financing. Call Ralph

400 acre grain and vegetable farm, large quantity of water for irrigation, new barns, extra nice home, 220 tillable, large quantity of low rent ground available, $500,000. Call Peter

50 acres farmland and woods, 2 streams $39,000 Can be bought with no money down Call Peter.

98 acre campground, year around store, 70 sites, shower house, large trout stream thru, a new 6 room home, large amount of timber, $469,000. Call Ralph.

PETER B. CORTELYOU
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman 717-692-2587

18 AC FARMETTE
new rancher, garage, greenhouse, 2nd family could live in finished basement $76,500 (W854)

CAMP
furnished & clean An intersection of two rivers Beautiful $27,500 (W635)

57 ACRES
19,500m 25% dn, 10%, 20 yrs (W652)

20.8 AC FARMETTE
new rancher & commercial garage if so desired, Reduced $49,900 (W862)

173 AC FARM
2 barns, old colonial, 30 ac, woods, stream, $685 taxes, $89,500 Terms (W853)

3 ACRES
on Pine Creek, exc hunting $8,900 (W781)

31 AC FARMETTE
stream, pond, woods, very private, utilities for 2nd home $45,000 (W840)

FREE LISTS

ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

176 Acre Farm & Building Auction Saturday, Sept 1, 1984, 1 PM See Page F35 Jim Adriance, Auctioneer

BUILD YOUR DREAM HOUSE ON THIS UPPER BUCKS CO. FARM

25½ ACRES. 1 acre fenced pasture & stream; 3 acres tilled; 18 acres Timothy & Clover Hay; 24'x40' block barn. Several out buildings, assorted dwarf fruit tree orchard, new 200 amp electric service, well & septic system.

$98,500.

Trailer OK.

215-679-4918

CENTRAL NEW YORK FARMS FOR SALE — NEW LISTING

180 acres, 50 cow barn, newly remodeled tie stalls, heifer facilities, 650 gallon bulk tank, pipeline milker, 18x50 concrete silo, 3 bedroom home. $60,000. $7,000 down buys it!

144 acre farm, 40x105' cow barn for 65 cows, 16x50 and 16x40 silos, pipeline milker. $60,000. With $7,000 down buys this also

208 acre dairy farm, 42 stanchions, 16x40 silo, 8 room, 8 bedroom home, comes w/50 head of cattle and full line of machinery. $182,000.

410 acre farm for sale. Pipeline milker, 68 tie stalls and heifer barn. 2 Harvestores 16x40 concrete silo. New 60x108 pole barn, 36x60 pole barn 7 room, 4 bedroom modern home, 1½ baths, 17x34 in ground pool. Comes with 65 cows, 24 heifers and calves 17,000 lb. herd average Liquid manure system Full line of machinery $520,000

Many more farms of various sizes. Call for details!

United Farm Real Estate
Box 244, Kingdom Road
Mohawk, NY 13407
315-866-7909

FINE PROPERTIES AVAILABLE IN SULLIVAN COUNTY, PA.

On a hillside in Sullivan County, PA, near Dushore. Three bedroom rancher, 1½ acres with view of mountains. Garage with workshop $40,000.00

Lots of space in this fully furnished 3 BR, 2 bath older home in village of Forksville Separate bldg for office/shop $59,900.00.

Hunting Cabin in Bradford County located on 10 acres of prime hunting land. $25,000.00.

Two story mountain stone home located in vacation area. Walk to Lake Mokoma. $39,000.00.

Double mobile home near Eagles Mere. Three bedroom, L.R., kitchen-dining, family room. Full basement. $23,000.00.

CALL OR WRITE FOR COMPLETE LISTINGS.

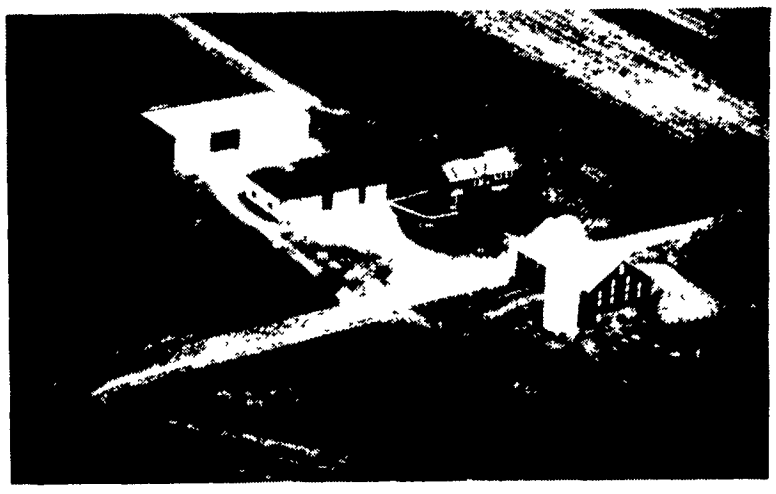
SULLIVAN COUNTY REAL ESTATE
EAGLES MERE, PA. 17731
717-525-3225

HOG FARM AND FEED MILL

2½ story colonial farm house with large barn sitting on 70 plus acres with small stream **CARGIL - HOG HOUSE,** large metal building and other out buildings make up this package. Ideal for nursery, winery, and/or body shop. Owner will sub divide, $445,000 Lenhartsville area

Offered by

John W. Monaghan
Corp., Realtors
215-683-5333



TWO ADAMS COUNTY FARMS FOR SALE

#1 175 acres with buildings. Brick house with 2 fireplaces, 4 bedrooms, 2 baths. 22x30 modern kitchen. Recreation room. Barn -20x60 ft. silo, 48x100 ft. new Butler building. 40x80 garage, 2 ponds plus stream.

#2 75 acres with buildings, 4 bedrooms, brick house recently remodeled. Barn, silo, garage, stream. All level land. 2 miles north of Gettysburg, Pa.

Buy one or both, 80% financing, 1 owner for over 50 years.

Phone 717-334-1824

301-733-3701

HEYWORTH REALTY

Multiple Listing Service MLS

Farms, Appraisals, Commercial & Residential

1300-B Dual Highway
Hagerstown, MD 21740

An Equal Housing Broker

180 acre working dairy farm, large brick home, good well, bank barn, 42 cow dairy barn, pipeline milkers, bulk tank. Good location, owner financing, only $250,000

215 acre good limestone dairy farm, 2 story home, free stall barn, 32 cow dairy barn, pipeline milkers, 1000 gal. bulk tank, 4 silos with unloaders, 100 cow set up with well, pond, and good stream, possible assumeable loan, only $335,000

42 acre beef or dairy farm with large 15 room 2 family home, good well, bank barn, pole shed, level land, owner financing, only $79,000

98 acre choice limestone dairy farm, good 2 story brick home, large bank barn with stanchions, silo, good well, city water and sewer available, over 4300 ft. road frontage, good for investors, owner financing, $299,000

Call 717-597-2584

Van Mater

Real Estate Services

MOUNTAIN FARM - Approx. 90 acres with some tillable - Bordered by State Game lands on 3 sides. Includes frame house and barn, well and spring. Ideal for hunting lodge or vacation home Secluded **$79,900**

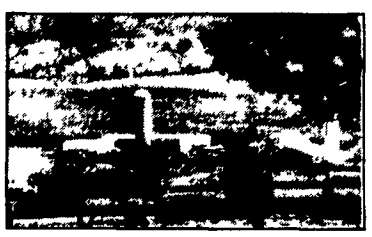
LOVELY MOUNTAIN RETREAT - In northern Franklin Co. 7 Room split-foyer situated on 8 plus acre beautifully landscaped tract. Home features 2 baths, family room, summer kitchen, root cellar, 2 fireplaces, deck, pool and 60 fruit trees and bordering on State Game lands **$99,500**

SOMETHING FOR ALL SEASONS - Top location w/great view, excellent hunting, new pond and outstanding private resort in Bedford Co. 100 acres w/75% wooded and 2 BR mobile home w/3 sided deck installed. Great for family, church or scout group. **$129,900**

FULTON COUNTY - 70 Acre farm w/4 BR home, bank barn, chicken house, garage and nice orchard. Close to I-70 and State Game Lands. **$140,000**

HORSE FARM w/40 acres + or - w/stream. Restored, brick farmhouse w/summer kitchen and in-ground pool Large bank barn w/over 20 box & tie stalls. Detached building w/separate utilities used for bunk house or rental. Riding w/lights. **$198,000**

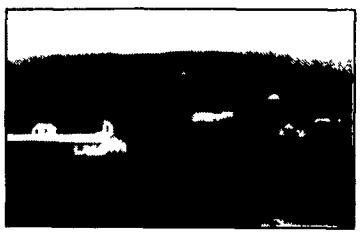
Harry D. Van Mater, President-Broker
Paul D. Gunder, Associate Broker-Sales Manager
1814 E. Main St., Waynesboro, Pa.
1-762-7111
14 E. Baltimore St., Greencastle, Pa.
1-597-3111



WILLOW SPRINGS

838 Acres Between Lexington and Staunton Cattle breeding/steer feeding operation with 200 cow/calf capacity at Brownsburg Automatic feeding systems with two 600 ton silos & covered bunkers 18 ft grain bin and dryer sheep barn machine shed Modern 2 story brick home on ridge overlooks valley Two tenant houses Numerous springs branches plus 3 acre lake

$835 000



LITTLE RIVER

383 Acres River bottom farm between Lexington and Staunton with approximately 220 acres in open and improved pasture and cropland Two feeding barns with attached sheds granary and shed two silos scales kennel and other miscellaneous equipment and farm buildings A fine 8 yr old brick residence overlooks farm and surrounding game filled mountains

$375 000

SPRING BRANCH

197 Acres A well maintained Valley farm near Lexington with an unusually fine balance of pasture hayfields and cropland in 101 acres the remaining acreage in hardwood forest Spring Branch flows through the center of the farm The eight room farm house is surrounded by maples Large barn granary and several out buildings

$167 000

CONTACT FOR FURTHER INFORMATION AND FREE CATALOG

G. Otis Mead, III
Accredited Farm and Land Broker
Evening:
703/463-2740

MEAD ASSOCIATES

James W. Moore
Accredited Farm and Land Broker
Evening:
703/463-7050

21 North Main Street, Lexington, Virginia 24450 ☐ Telephone 703/463-7168

SNAKE SPRING TOWNSHIP DAIRY FARM BEDFORD COUNTY, PENNA

Complete Dairy Farm 479 acres, productive limestone land, expensive road frontage, easy access US Rt. 30, I-70 & PA turnpike.

Buildings - 4 complete sets of farm buildings and residences. This farm can be easily separated into 4 independent operating farms for dairy, beef or general farming.

Dairy Operations will accommodate 225 milking herd, free stall loafing area, mechanized and computerized feeding. (4) Harvestore Silos, (2) 20x50 (1) 25x80, (1) 20x60, (1) 20x60 Fickes Silo.

Dairy Herd 335 head of mostly registered Holstein cows, 190 milking now, 7,900 lb. milk quota, 1983 average production over 16,000 lbs., 12 stall milking parlor, (4) 100,000 gallon underground liquid manure systems.

Growing Crops - Excellent crop condition of corn and alfalfa.

Farm Machinery - Complete line of farm machinery, most items purchased the last 3 years.

Trailer Park - 10 acre travel trailer park on quiet wooded knoll, all underground utilities, 20 & 30 amp electrical service, water & sewage system, bath house, 20 trailer spaces, land for additional trailer spaces, pavilion w/tables, fireplace pits.

Here is a complete operating dairy farm available for immediate sale. Excellent, experienced herdsman & farm manager are presently operating this farm for the owners.

Call or Write:

C. Galen & Grace Detwiler
67 5th Ave., Everett, PA 15537
814-652-5711

SALE OF FARM BY THE UNITED STATES GOVERNMENT

CONSISTING OF: 167 acres; 100 cropland, 7 pastureland, 55 woodland, 5 farmstead and roads, 1 bank barn, 8 grain bins (4 are 21x27 and 4 are 24x27), 2 machine sheds, crib shed, and a two-story brick home.

BID DEPOSIT: The bid must be accompanied by case (sent at bidder's risk), certified check, cashier's check, postal money order, bank money order, or personal check, payable to the Treasurer of the United States, for at least 5% of the total bid.

RATES AND TERMS: Cash or terms of not less than 5% down payment with the remaining balance amortized over a period not to exceed 25 years at 10.75% interest. The interest rate is subject to change dependent on the closing date of the loan.

TERM OF SALE: If interested, contact the County Supervisor, Farmers Home Administration, R.D. #1, Leesport, PA 19533. Sealed bids are invited and will be accepted until 9:30 a.m., EDST, September 6, 1984, at Farmers Home Administration, R.D. #1, Leesport, PA, and will be opened publicly at 10:30 a.m. EDST, that date and place. The Government reserves the right to reject any or all bids. The farm will be sold within regard to race, religion, sex, age, national origin, or marital status.

Further information and bid forms may be obtained at the Farmers Home Administration, R.D #1, Leesport, PA 19533, telephone number 215-372-4686.

PERRY COUNTY DAIRY FARM FOR SALE BY OWNER

Approximately 278 acres (100 acres overlook scenic woodland); complete dairy stabling - 42 stanchions, 2 connected barns; usual outbuildings; 200 amp electric service; emergency electric generator in place. All buildings in excellent repair.

About 178 tillable acres, carefully managed, high fertility soils in current production. Grade less than 15% on tillable land. All season mountain stream traverses entire farm. Half-acre pond stocked for fishing.

Municipal water service to buildings.

Four bedroom brick house, 1½ baths, modern fixtures, all recently decorated. Losch stoker heat. Mature landscaping. Butcher house with fireplace.

One mile from Borough of Blain in Jackson Township. Potential for development.

Call (717) 763-8966 or (717) 536-3177

GETTYSBURG AREA FARMS

FARMETTE - 4 bedroom stone home on 10 acres with nice bank barn, large shed/garage in Gettysburg School District Additional acreage available at extra cost. $99,500 (#13043LF)

ON 15 ACRES - Native brown stone pre-Civil War home in excellent condition. Wagon shed, tool shed, stream and more for only $106,000 (#12971 LF)

MARSHALL L. MILLER, INC. REAL ESTATE
717-334-6283 or
Outside of Adams Co.
Call 1-800-443-2781,
Ext. C-53

PUBLIC AUCTION

at

DOVER DOWNS RACEWAY

OVER 50 LATE MODEL MOBILE HOMES

SALE DATE:
SATURDAY, AUGUST 25, 1984

10 - 12x14 Wides

RUDNICK ASSOCIATES, AUCTIONEERS
P.O. BOX 9494,
WILMINGTON, DEL.

302-764-3347

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

25 acre farmette, modern brick house, bank barn. Call Mr. Niesley

18 acrs. woodland, $17,500/Mr Niesley

JUNIATA COUNTY

186 acre executive's paradise, 10 room ultra-modern house, bank barn, greenhouse, potential for private air strip, 3 ponds, 1 mile creek frontage, secluded. Call Mr. Crawford.

60 acres of timberland. Call Mr. Benner.

7 acre property w/frame rancher and stream, $42,500. Call Mr. Benner.

FRANKLIN COUNTY

220 acre limestone beef and fruit. 80 acres marketable timber, beef feeding barn & silo for 100 hd., modern 2 story house with character, tenant house, stream. Call Mr. Niesley.

MIFFLIN COUNTY

90 acre dairy, 60 freestalls, liquid manure, 2 silos, large implement shed, modern frame house Call Mr. Crawford.

PERRY COUNTY

3.42 acre building lot w/septic permit $12,500. Call Mr Bitting

47 acre farmette w/restored Circa. 1827 stone house, 3 working fireplaces, tennis court, 2 car garage, bank barn, silo & other buildings Call Mr Orris

YORK COUNTY

70 acre general, plush 2 story brick house, bank barn, implement shed, farm pond, 100 yard setback. Call Mr Niesley

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787
RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177
CHARLES D. SMITH - 717-789-3125

Longacre FARMS AND COUNTRY PLACES

BERKS COUNTY

111 acres, 85 t , general farm, features 2½ story double stone home Set back from road, 12 rooms, 2 baths Lg bank barn, wagon sheds and much more Boyertown area $280,000

MONTGOMERY COUNTY

82 acres, 65 till , balance woodland & pasture w/stream general farm, 2½ story 5 bedrm house w/LR DR, Kitchen & bath, bank barn & other buildings, $250,000

60 acre general farm, Boyertown area, lovely new 4 bedroom colonial w/large eat in kitchen living room, dining room sunken recreation room, den & 2½ baths and a private setting, $265,000

JUNIATA COUNTY

58 acre, open and wooded, 2 story brick home, kitchen, living rm., dining rm & bath, and 3 bedrooms, stable and corncrib, good hunting-fishing area, $68,000

SCHUYLKILL COUNTY

234 acre woodland tract, joins state gamelands, borders Rt 81 & secondary road, Pine Grove area, good hunting area, call for details, $175,000

SNYDER COUNTY

65 Acre general farm w/88x45 barn w/block addition Large 90x36 implement shed, lg combination corn crib & shed Lovely 2½ story home w/kitchen, dinning room, living room 3 bedrooms & bath Completely remodeled $125,000 #344

BRADFORD COUNTY

100 acre, 80 T dairy farm, features 54 stall barn, barn cleaner, 16x50 and 16x60 silos, 20x30 Harvestore silo, w/unloaders, 60' bunk feeder, large pole barn, 800 gal bulk tank, lovely 7 room home w/modern kitchen and bath all for $150,000 #376

235 acre dairy farm, 125T, 3 bedrm brick ranch house w/large 1 r , kitchen & bath Features new 50 cow stall barn w/pipeline milker, bulk tank, etc 2 story bank barn for dry cows & heifers, 14x40 and 20x60 silos and bunk feeder, $300,000

5 acre Dairy Farm Modern 74 stall dairy barn Bulk tank, steel pipe line, barn cleaner 20x32 Harvestore silo and 20x60 concrete silo Manure storage Modern Ranch home with 4BR's, Kit , DR, LR, Bath and Den $145,000 Also second house available

BUCKS COUNTY

145 Acre jug milk farm superb facilities, lg store & sales area, 3500 gal milk holding capacity, modern processing facility including ice cream making, 185 cow free stall, 5 lg silos, lg heifer facility, 2 double houses & 1 single home, shop storage sheds, outbuildings, 200 cows, 250 heifers, full line of machinery additional rental acreage available Call for details $900,000

TIOGA COUNTY

800 Acre Dairy Farm 400 T 2 very good lovely homes 83 stall dairy barn Steel pipe line, 1000 gal tank and barn cleaner (2) 16x60 and (1) 14x40 silos with unloaders Large heifer barn $365,000 Full line of machinery and cattle available

SUSQUEHANNA COUNTY

102 acre w/14 acre natural lake 69 acres hardwood forest, large modern ranch house w/two & one car garage kitchen, dining room w/enclosed deck, living room w/stone fireplace & cathedral ceiling 5 bedrm 2½ bath, workshop 2 family rooms and apartment w/2 bedrooms, kitchen, living room, family room, bath Also 2 cabins (one winterized) and cabin site w/well & septic adjoins state gameland 15 minutes from Elk Mountain ski area $160 000

520 acre dairy farm w/120 acre approved land fill 165 acres tillable new 69 tie stall barn 20 free stalls modern milking parlor & liquid manure system 2 large sheds large main dwelling & 2 double houses and trailer 24x65 concrete silo 20x80 and 20x40 Harvestore silos 105 cows 35 heifers 3 large bull dozers and full line of machinery lock stock & barrel $1 200 000

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground $225,000, make an offer, reduced $175,000 #310

187 acre dairy farm, 170 T, pasture w/stream, 2 solid and lovely farm houses, 130 free stall barn, 70' bunk feeder, harvestore and concrete silos w/unloaders, 2 large trench silos, large machinery shed, 2 large heifer sheds and much more $530,000

NEW JERSEY

80 acre dairy farm, gently rolling to level, streams & pond 2½ story home with 4 bedrooms & 2 baths, large remodeled kitchen, dining rm , & laundry 60 stall barn & 80 freestall milkhouse, bulk tank, large shop, new large machinery shed & corn crib, 14x40 concrete silo & 200x25 trench silo $250,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE

Rt. 100 Hereford, PA 18056

Ph: 215-679-5919

70 YEARS
1914-
1984

ALLIS-CHALMERS TRACTORS
AND THE WORLD'S FINEST FARMERS

Partners in Productivity Over 70 Years

STOP IN AND SEE US AT THE BIG ORANGE TENT
AT
PENN STATE AG PROGRESS DAYS

MARSHALL MACHINERY
Honesdale, Pa.
717-729-7117

FARMER EQUIP. & SUPPLY INC.
Airville, Pa.
717-862-3967

B. EQUIP., INC.
Waynesboro, Pa.
717-762-3193

B & R FARM EQ. INC.
Beavertown, PA
717-658-7024

DOTTERER & KOLESAR, INC.
Mill Hall, Pa.
717-726-3471

NICHOLS FARM EQUIP.
Bloomsburg, Pa.
717-784-7731

AG-IND. EQ., INC.
Rising Sun, Md.
301-398-6132

B.H.M. FARM EQUIP., INC.
Annville, Pa.
717-867-2211

ROY H. BUCH, INC.
Ephrata, Pa.
717-859-2441

GRUMELLI FARM SERVICE
Quarryville, Pa.
717-786-7318

SHARTLESVILLE FARM SERV.
Hamburg, Pa.
215-488-1025

JOHN W. SAUMS & SONS INC.
Flemington, N.J.
201-782-4242

C.J. WONSIDLER BROS.
Oley, Pa.
215-987-6257

L.H. BRUBAKER, INC.
Lancaster, Pa.
717-397-5179

C.J. WONSIDLER BROS.
Quakertown, Pa.
215-536-7523

CANYON IMPLEMENTS INC.
Manfield, Pa.
717-724-2731

PETERMAN FARM EQUIP.
Carlisle, Pa.
717-249-5338

POWER PRO EQUIP. CO.
Milroy, Pa.
717-667-6504

HUGHES BROS. INC.
Westminster, Md.
301-848-6313

VERNON E. STUP CO.
Frederick, Md.
301-663-3185

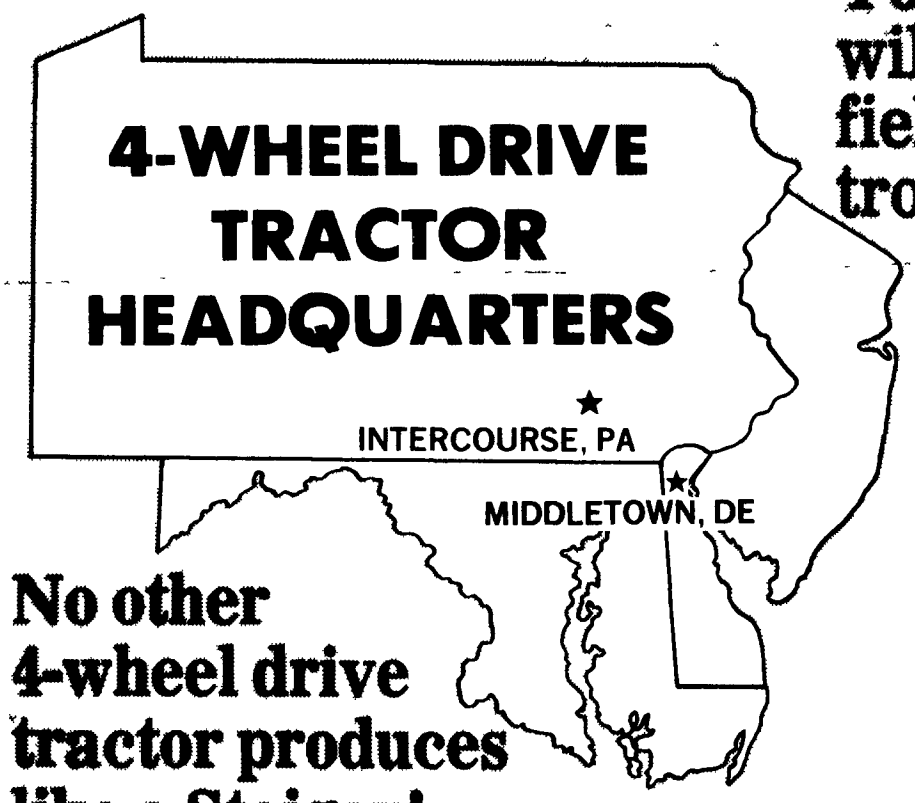
WERTZ GARAGE, INC.
Lineboro, Md.
301-374-2672

COCHRAN FARM EQUIPMENT
Somerset, Pa.
814-445-4189

JACK SHEARER EQUIP.
Johnstown, Pa.
814-266-9721

Better by Design
ALLIS-CHALMERS

Your neighbors who own a Steiger will tell you that they get their field work done faster, with less trouble and less cost than before.



No other 4-wheel drive tractor produces like a Steiger!

YOU OWN IT TO YOURSELF TO TRY A STEIGER TRACTOR

"Getting my crop in on time means a whole lot - and my Steiger has done that. It assures me that I will get all my work done and get a better seedbed for my soybeans at the same time. Before I wasn't getting my work done with 2-wheel drive, because I didn't have any hired labor. Now I can loaf and do 10 acres an hour. That's some change from when I was a boy working for my Daddy. Then we were happy doing 25 acres a day," says Bill Kelly

BILL KELLY
Purcellville, VA
PT-225 Bearcat III
1980

Superior power and traction.

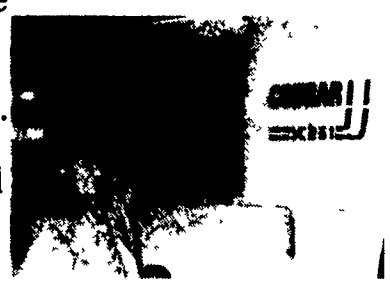
"Our Steiger's superior power and traction allows us to pull heavier equipment. In our operation we would need at least two 2-wheel drive units to accomplish what we can do with one of our Steigers," says Rick Kreider

RICK KREIDER
KREIDER FARMS
Manheim, PA
ST-310 Panther III-1977
PTA-280 Cougar III-1984

YOU CAN OWN A STEIGER FOR ONLY $59,000

"I'd quit farming before I'd give up my Steiger"
says Bob Miller

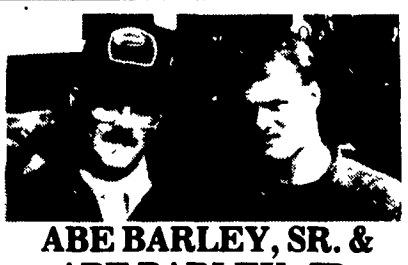
"Hitching an anhydrous tank to my 15 tooth chisel, I can chisel and apply nitrogen in one step at the rate of 10 acres per hour. Quite a time and labor-saver, this tractor."



ROBERT MILLER
Lebanon, PA
ST-251 Cougar III
1979

The work of two tractors and two men.

"Yesterday, one man went out and chisel plowed 130 acres of about average-going for us. The fields weren't hilly and there was some long rows and some short rows. It was the case of doing 130 acres in 10 hours. That's 13 acres an hour. We'd surely be running two tractors and two men in the system we had before. This tractor and the wider chisel plow cuts your turns in half. That's something most people don't think about, and the maneuverability on the turns is no worse than a smaller tractor," says Abe Barley



ABE BARLEY, SR. & ABE BARLEY, JR.
STAR-ROCK FARMS
Conestoga, PA
ST-310 Panther II
1979

CATCH UNTO A STEIGER. THE SUPER PRODUCER

SEE ON DISPLAY AT AG PROGRESS DAYS

- **STEIGER CM 225 BEARCAT IV**
  225 PTO HP, CAT 3306 Engine
- **STEIGER CS325 PANTHER IV**
  325 HP, 3406 Engine, Allison Auto. Transmission

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.

INTERCOURSE, PA (717)768-8231 - AUTHORIZED UPS STATION - MIDDLETOWN, DE (302)378-9555

Dairy farmer protection is urged

WASHINGTON, D.C. — Charles Wismer, Master of the Pennsylvania State Grange and Arden Tweksbury, Manager of Northern Tier Cooperative and representing Pennsylvania Farmers Union urged the U.S. House Subcommittee on Livestock, Dairy and Poultry of the Agriculture Committee to give immediate consideration to House Bill HR 5037.

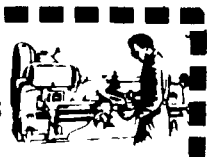
The bill, known as the Milk Producers Prompt Payment Act of 1984, was introduced by Congressman Joseph M. McDade (R. 10th District), - Mr. McDade's Congressional District has been rocked by several dairy bankruptcies during the past few years, including the most recent one, Scheps Cheese. The original bill called for prompt payment to dairy farmers within 24 hours after delivery of milk to their handler. In addition, each handler would be compelled to establish a trush fund to protect the dairymen.

According to Tewksbury, the 24-hour payment period seems to be lacking support, but the concept of the milk handler trust fund appears to have substantial support.

In his prepared statement, Wismer noted the continued losses suffered by dairy farmers due to bankruptcies dictate a much needed change in protecting the dairymen's milk check; Wismer stated he felt the type of a trust fund as advocated by Congressman McDade appears to be the answer. The grange leader further stated the Pennsylvania State Grange would urge the adoption of a three tier pricing mechanism for all dairymen. Wismer further stated he agreed to the need of placing dairy farmers in a more favorable position in the case of a bankruptcy.

Tweksbury noted in his remarks to the Committee that during the last 10-years dairy farmers in the Northeast have lost nearly 20 million dollars due to bankruptcies by milk handlers. He further stated, "such conditions can not continue, and the idea of the trust fund, which would be untouchable for other reasons then to pay dairy farmers could be the answer to the present dilemma facing hundreds of dairy farmers". The dairy leader reported that Pennsylvania Farmers Union and Northern Tier established policies in February 1984 urging dairy farmers be paid at least three times a month. Both organizations welcome the idea of the Pennsylvania State Grange's position on a three tier payment play for producers. Tewksbury noted to the Committee the discrepancies of payment dates to

(Turn to Page C3)

Machine Work
Welding &
Farm Supplies
Hardware


CUSTOM BUILT WOOD & COAL STOVES

- Welders & cutting torches
- Custom made farm gates, etc.
- Custom built high pressure washers
- Stainless steel, aluminum and spot welding.
- UPS Service

HIGH TENSILE WIRE FENCING

PLATE SHEARING AND PRESS BRAKE WORK

D.S. MACHINE SHOP
DAVID E. STOLTZFUS
3816 E Newport Road
Gordonville, PA 17529
1 Mile East of Intercourse on Rt 772

LOSE WEIGHT NOW!

HERBAL "ALL" NATURAL PROGRAM

FOR BETTER HEALTH & INCREASED ENERGY

You lose 10 to 29 pounds excess weight in First 30 days or your $29.95 is refunded

IT'S SAFE, SIMPLE, EASY & INEXPENSIVE
Cleanses the system, curbs the appetite, supplies 2 meals & total daily nutrition without salt, sugar, preservatives or drugs.
NO side effects - NO exercise required

For information concerning FREE 30 day supply of if you have heart problems, high blood pressure, diabetes, ulcers, hypoglycemia, colitis, diverticulities, hiatal hernia, indigestion, female organ problems, cramps, hot flashes, menstrual disorders, phlebitis, hemorrhoids, allergies, sinus, asthma, acne, pimples, headaches, nervousness and others, contact

To Have The Complete Herbal All Natural Program Delivered To Your Door
Send $32.70 (29.95 & 2.75 Delivery Charges) To

IVAN & ESTHER MARTIN
522 Prescott Rd., Lebanon, PA 17042 (717) 866-4928 or 866-4555

How Much Feed Do Your Hogs

WASTE?

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

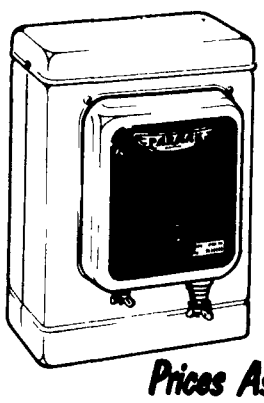
WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
LINCOLN SUPPLY
(814) 443-1691
Also See Ad On Pages B24 & 25

- ✓ Fact #1 For each pen of 40 hogs, you put about $8,000.00 worth of feed through your hog feeder each year!!!
- ✓ Fact #2 If you see *any* feed on the floor, feed waste is a minimum of 10% ($800.00 per year). Older feeders often waste 20 to 30%!!!
- ✓ Fact #3 In *all* producer and university tests, BIG WHEEL® feeders do *not* waste measureable amounts of feed (under 2%)!!!
- ✓ Fact #4 BIG WHEEL® feeders have been tested since 1978 and on the market since 1981. Thousands have been sold!!!
- ✓ Fact #5 You owe it to yourself to try a BIG WHEEL® - the feeder with *profit-proven* performance!!!

For All Your Fencer Needs, It Will Pay You Well To Start With, Or Switch To, The Oldest Name In Electric Fencers And The World's Largest Selling Brand... PARMAK



MAGNUM 12 MODEL

12 Volt Solid-State Circuitry Reduces Battery Drain To The Minimum Low Impedence To Shock Through Wet Weeds and Brush Power You Never Dreamed Possible From A Battery Fencer No Moving Parts Means More Years Of Dependable, Trouble-Free Operation. Charges Up To 25 Miles Of Fence UL Listed

Prices As Low As $45.95

Made in U S A
1 Year Warranty, Including Lightning Damage, With Prompt Local Service Available
• Other models available, including Hi-Line Fencers.
— SALES AND SERVICE —
If Your Local Dealer Does Not Have It, Contact

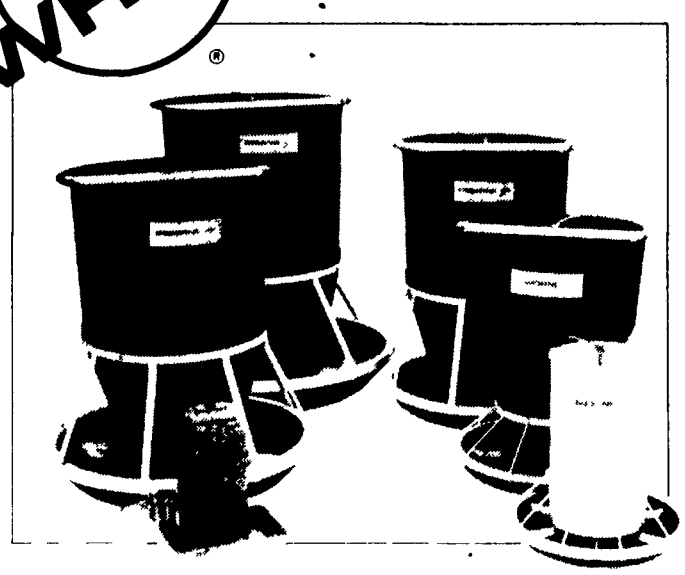
PEQUEA BATTERIES
Ronks, PA 17572
Distributor & Warranty Station for Parmak

SAVE YOUR PROFIT IN FEED.

BIG WHEEL®

Act Now

Ask your Osborne Dealer today For a BIG WHEEL® For Your Own Profit Program.



Cash In on These Added Benefits

- Seldom needs adjusting
- Never plugs
- Tough fiberglass & heavy steel
- Self cleaning
- Even feeds high moisture corn with ease

OSBORNE

TRI-COUNTY SWINE SYSTEMS
608 E. EVERGREEN RD.
LEBANON, PA 17042
(717) 274-3488
Hours Mon.-Fri. 7:00 to 4:30

Dairy protection

(Continued from Page C2)

dairy farmers within several federal and state orders.

Pennsylvania Farmers Union and the Grange are urging amendments to the federal orders asking for uniformity of payment dates for all dairy farmers.

Furthermore, in their prepared statements both Wismer and Tewksbury are once more calling for dairy cooperatives to be compelled to pay producers on the same dates as are proprietary handlers.

Under cross-examination from Congressman Jim Jeffords of Vermont, Wismer stated he felt the trust fund would not exert a serious improvision on milk handlers and was long overdue.

Under cross-examination Tewksbury explained the new bonding law in Pennsylvania which became law on July 6th. He stated a sizable amount of milk will lack adequate protection. In addition, he noted the interstate shipment of milk, lack of adequate auditors by state agencies, and different values placed on various classes of milk as added reasons to support the proposed legislation.

William Sturges, dairy farmer from Wellsboro, stated the $40,000 he lost in the Scheps Cheese bankruptcy has caused him irrepairable damage. Mr. Sturges, who is a member of Pennsylvania Farmers Union's Board of Directors, is also President of the Board of Directors of Northern Tier Cooperative, alluded to the hardships of continuing in business never being sure of receiving your milk check.

Gerald Clause, a dairy farmer of Camptown, who serves as Treasurer of Northern Tier stated the Scheps Cheese fiasco was the second time he had gone through the turmoil of a bankruptcy. Clause stated that cooperatives say they can't go bankrupt, but the one he shipped to in New Jersey several years ago failed to pay producers like himself for milk delivered to them. Clause is also one of the producers being sued by the trustee in the Scheps bankruptcy for money paid to them in July, 1983.

The legislation received national support from Associated Milk Producers, N.F.O. and the National Milk Producers Federation. On the state level, Pennsylvania Farmers Association and Interstate Coop testified in favor of needed legislation on the national level

Protect Your Dairy Future!

Own Your Own Herd In 5 Years
For As Low As $30 Per Month
Per Cow.

Let Us Show You How Our Program Can Work For You.

BENEFITS INCLUDE:

* Increase milk receipts
* Receiving all the offspring and all the milk
* Have culling privileges
* Lease is tax deductible
* You select the cows you want
* Group insurance policy maintained on the herd.
* Monthly consulting and reporting service
* 50/50 Heifer Growing Program

Send for FREE Information And Ideas Today!

Don't trust the future of your dairy operation to mere chance. Call Today!! Ask for Tom or Gayle.

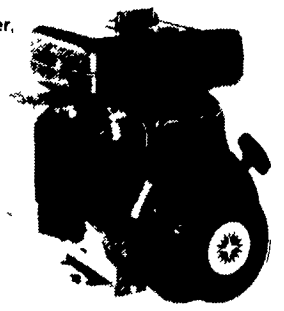
NORTH AMERICAN CATTLE CORP.
3304 Mallard Cove Lane
Fort Wayne, IN 46804
219-432-8062

REPLACE OLD ENGINES WITH KAWASAKI POWER!

Nobody makes a tougher, more durable, longer-lasting engine than Kawasaki

- 2 & 4-cycle engines 8 hp to 20 hp
- For lawn and garden equipment RVs rentals turf marine construction industrial and farm equipment
- Complete parts & service backup

Let s talk about replacing your old engine Let s talk Kawasaki today



See Your Local Dealer Now

BEILER'S ENGINE REPAIR SHOP
RD 2 Box 74
Along 896 S. of Ninepoints
Christiana, Pa. 17509

ZOOK'S ENGINES
Alvin Zook
RD 4 Box 344
Honey Brook, Pa. 19344

AARON BEILER
RD 1 Vintage Rd.
Paradise, Pa. 17562

DAVID FISHER
4109 E. Newport Rd.
Kinzers, Pa. 17535

FISHER ENGINE SERVICE
3141 Old Phila. Pike
Near Intercourse
Bird-In-Hand, Pa. 17505

STOLTZFUS REPAIR SHOP
Star Route - Box31B
Rebersburg, Pa. 16872

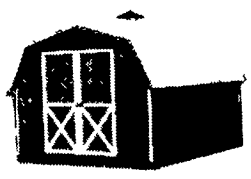
LIMEVILLE SALES & SERVICE
Limeville Rd. RD 1
Gap, Pa. 17527
717-442-9304

SAMUEL FISHER
RD 1 Box 173-T
Reservoir Rd.
Strasburg, Pa. 17579

SHIRK'S REPAIR SHOP
RD 2 Pool Rd.
Ephrata, Pa. 17522
717-859-2797

Distributed By:
BEILER ENGINE SERVICE
2450 Pennsy Road
New Providence, Pa. 17560
Dealer Inquiries Invited

QUEEN ROAD



STORAGE BARNS

46 Queen Road
Intercourse, PA 17534

(717) 768-9006

Located ¼ Mi. South of Intercourse on Queen Rd., Off Rt. 772

SPECS

DELUXE BARN SPECIFICATIONS

All wood framing, pressure treated 4x4 skids. 8' buildings have 2 skids, 10 & 12 wides have 5 skids. Floor joists are 2x4's spaced 16" on center covered with 5/8" exterior plywood. Sidewalls are constructed with 2x4 studs 16" on center. Exterior is made of 5/8" T1-11 rough sawn plywood. Choice of 7 exterior colors.

Roof Trusses are constructed with 2x4's covered with ½" exterior plywood. Asphalt shingles finish the exterior.

Doors are double, reinforced doors. 4' wide door is standard on 8' & 10' wide buildings. 6' door is standard on 12' wide buildings. One jalousie window is standard on back.

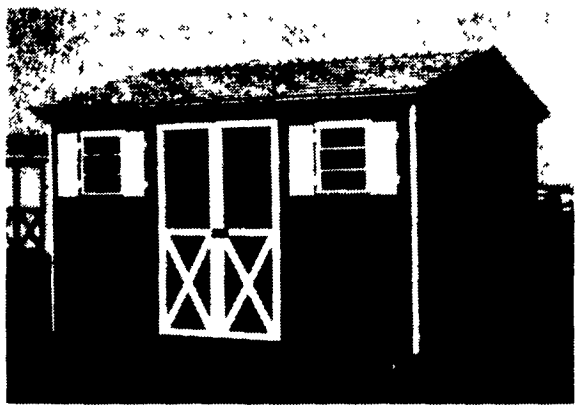
SHINGLES
Brown, Black, Green, White

OPTIONS
Wider doors, extra doors, extra windows, extra floor supports, cupola, weather vane, higher side, shutters, overhead doors.

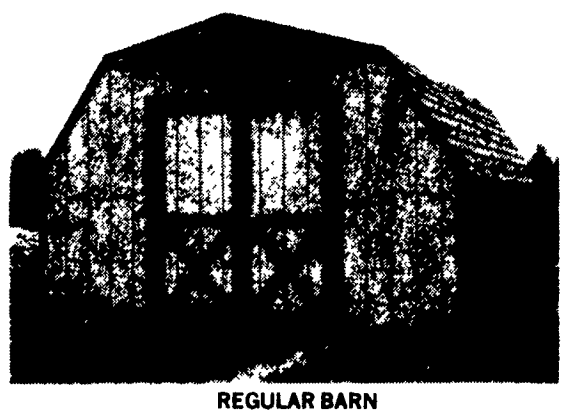
ECONOMY BARN SPECIFICATIONS

4x4 pressure treated timbers. 2x4 floor joists spaced every 16" on center covered with 5/8" plywood. 2x3 studs. Roof trusses are 2x3 covered with 3/8" plywood and shingles. ½" siding covers outside.

CALL FOR PRICES

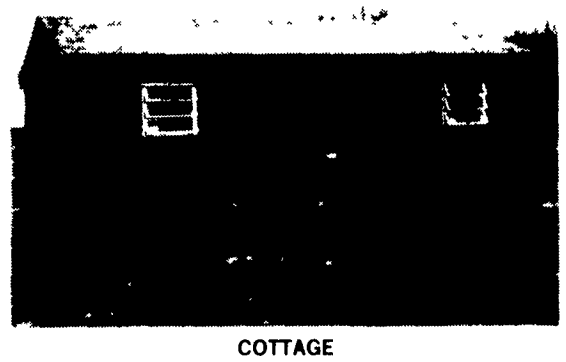


A-FRAME

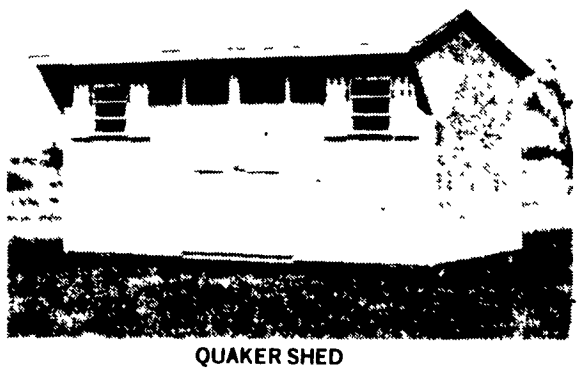


REGULAR BARN

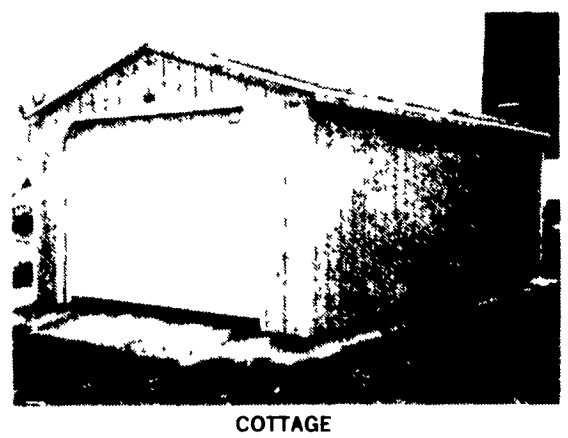
CARRIAGE SHED



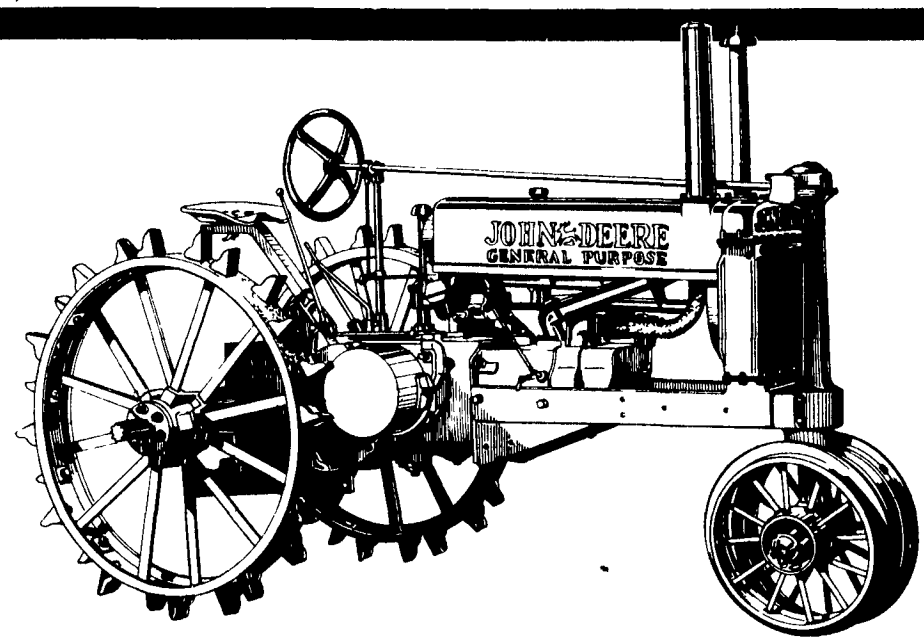
COTTAGE
Cottage shown with 2 standard windows

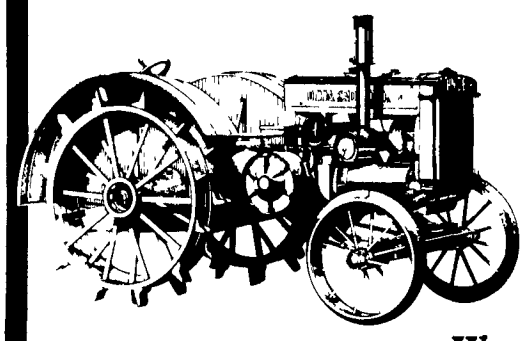


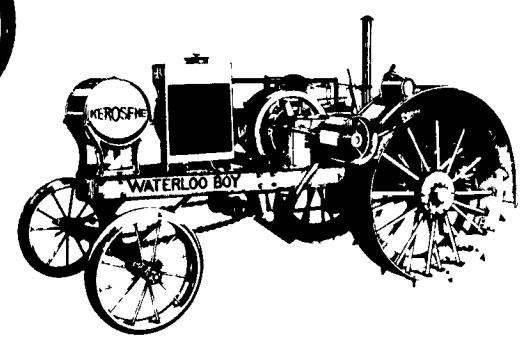
QUAKER SHED



COTTAGE
Cottage shown with optional 7' sides & overhead door







WHEN DO YOU GET THE MOST FOR YOUR MONEY?

When you go to buy farm machinery, you are probably interested in getting the most for your money.

What are the main factors you consider in determining which grade of equipment is the most economical to buy?

It will pay any farmer to apply these tests:

FIRST TEST. Think back over your experience in buying goods and, from your memory, dig up the poorest purchase you ever made.

Was it a high-grade article at a fair price, or was it some imagined bargain, bought because it was sold at a low price?

How about that cheap suit which became shabby after a short period of wear, or that cheap pocket knife which never kept a good edge; or that cheap plow which never worked right?

Did you get the most for your money when you made that purchase?

SECOND TEST. List all the machines on your farm that are in good working order.

How long have they been used?

Place fair values on these implements at, say, approximately what they would bring at a farm sale. Subtract the present values from the original prices, and then divide by the number of years of service. That gives you the price per year of use.

Which makes the better showing in price per year of use — the high-grade or the low-grade machinery? And which has earned the most for you since you bought it?

THIRD TEST. Check up the upkeep cost of high-grade implements as against cheap ones. Remember, the ultimate cost is the purchase price, plus the upkeep cost, spread over the life of the machine. Cheap machines are not very cheap to keep in good running order.

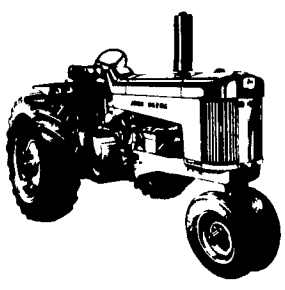
FOURTH TEST. Go to any farm sale and jot down the prices received.

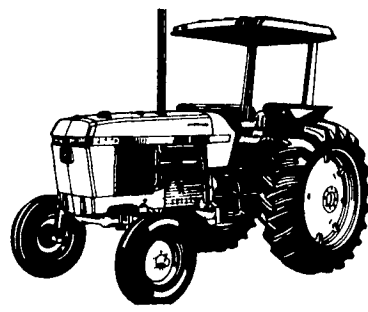
Which brings out the most spirited bidding, the cheaply-made equipment or the equipment made by a well-established firm, which has a reputation for quality — the equipment which farmers of the community KNOW is good?

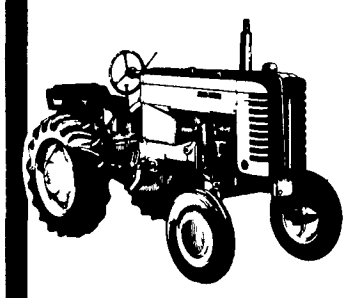
Ask the auctioneers of your community about their views on high-grade and cheap farm equipment, from the public-sale angle.

FIFTH TEST. Make inquiries as to the quality of work. See if you can find much pride of ownership in cheap goods. Ascertain the real satisfaction users have had from high-grade implements as compared to cheap tools.

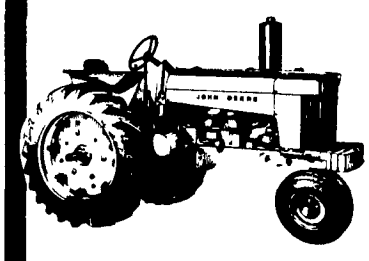
SIXTH TEST. What is your experience in repair service on high-grade implements made and backed by a strong, successful firm, in contrast with what you have seen of repair service by manufacturers who feature low-priced goods? Would you care to buy an "orphan" implement or one that is likely to be "orphanized" within the next few years, due to the financial weakness of its manufacturer? What does PROMPT and PERMANENT repair service mean to you?





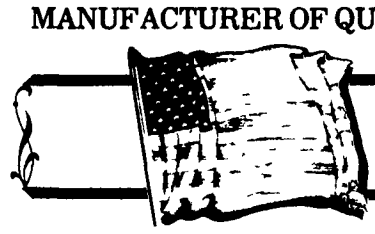


The John Deere organization takes pride in being a builder of quality farm equipment. We are not interested in making our goods poorer, but in making the kind that serves the farmer best. We do not skimp on weight, quality of materials, finish or workmanship. Measured by efficiency, long life, low upkeep expense, and all-around satisfaction to the users, John Deere farm equipment costs the least — gives you the most for your money.



JOHN DEERE, MOLINE, ILLINOIS

MANUFACTURER OF QUALITY FARM EQUIPMENT FOR NEARLY A CENTURY



This message was originally presented in a Handy Farm Account Book in the 1920's. It was reproduced in 1982.

A.B.C. GROFF, INC.
New Holland, PA
717-354-4191

OXFORD GREENLINE
Oxford, PA
215-932-2753 -
215-932-2754

The Long Green Line™

I.G. SALES
Silverdale, PA
215-257-5136

GEORGE V. SEIPLE & SON
Easton, PA
215-258-7146

LEHIGH AG EQUIPMENT
Wescosville, PA
215-398-2553

FOSTER EQUIPMENT SALES
Elmer, NJ
609-769-1535

JOHN DEERE

EVERGREEN ENGINES CO.
32 Evergreen Road
Lebanon, PA 17042
717-273-2662

TOBIAS EQUIPMENT CO., INC.
Halifax, PA
717-362-3132

Nothing runs like a Deere™

J.S. COVERT & SONS
Neshanic Station, NJ
201-369-5241

ROBERT G. HAMPTON, INC.
Shiloh, NJ
609-451-9520

M.S. YEARSLEY & SONS
West Chester, PA
215-696-2990

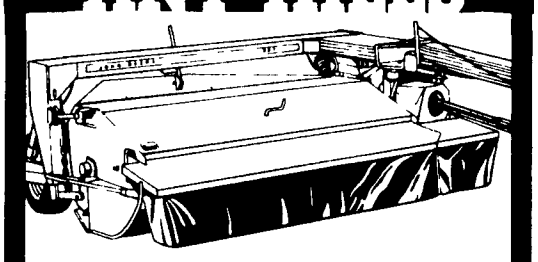
ROBERT E. LITTLE INC.
Zieglerville, PA
215-287-9643

TAM SERVICES INC.
RD 4 Box 77A
Gettysburg, PA
717-334-9148
717-334-3710

LOST CREEK IMPLEMENT
Oakland Mills, PA 17076
717-463-2161

AG PROGRESS DAYS
SEE THESE JOHN DEERE MACHINES IN ACTION

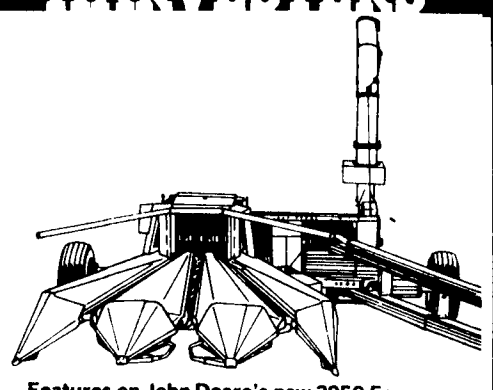
DESTROYS ANT HILLS



Ant hills seldom choke John Deere's new 1327 Rotary Mo/Co

Forget about unplugging a cutterbar filled with fire ants John Deere's new 9-foot 3-inch 1327 Rotary Mower/Conditioner slices through fire ant hills like a hot knife through butter

BIG-CAPACITY HARVESTERS



Features on John Deere's new 3950 Forage Harvester make silage harvesting easier.

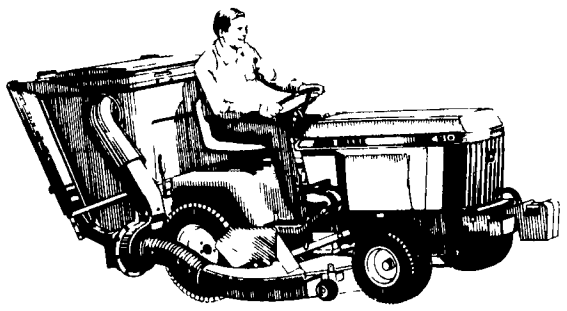
If you re in the market for a forage harvester why not get the latest in advanced technology? That s what you get with a John Deere 3950 Powr Mizer

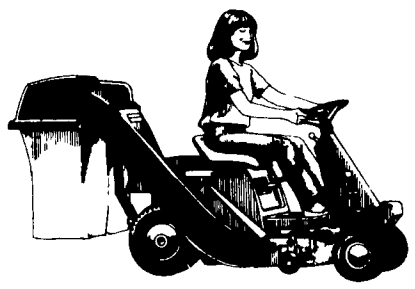
SPRING-RESET INTEGRAL

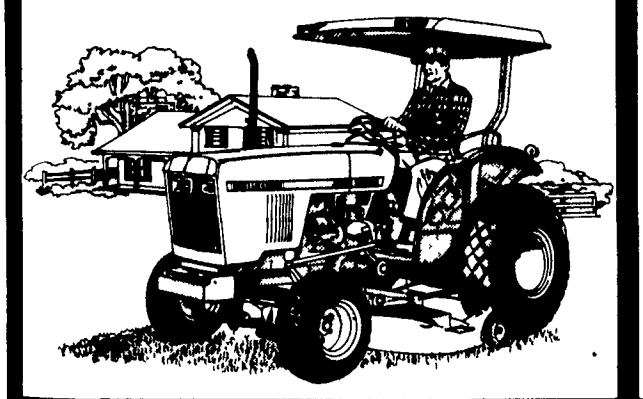
You'll find deluxe "semi-integral" features on this integral plow

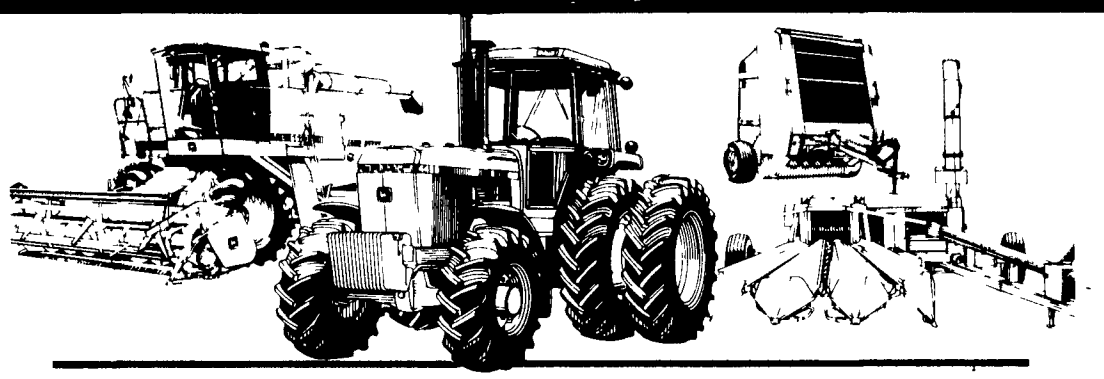
Here s the integral plow that s right for your rocky fields The 1600 Superplow in 3 4 or 5 bottom sizes

Also In Action - New 40 Bale Ejector -









CLEAN UP DURING YOUR JOHN DEERE DEALER'S CLEAN OUT SALE

The John Deere factories are offering us tremendous allowances and we're passing them on to you Some are in the thousands of dollars And on top of that, you can choose cash rebates or interest-free financing periods on many items It all adds up to big bucks Look over these deals, then stop by our dealership and look over the equipment We're cleaning out and you can clean up

NEW TRACTORS. Special allowances on 50 Series (4050, 4250, 4450, 4650, 4850) worth up to many thousands of dollars Generous allowances on utility and 4-WD models, too If you finance with John Deere there are even *greater* savings pay no interest until March 1, 1985 or take a cash rebate as described in the chart

USED TRACTORS. Finance a used tractor of 40 or more horsepower with John Deere and get it interest free until March 1, 1985 *

NEW COMBINES. All models carry special factory allowances of multi-$1000s

USED COMBINES. Interest-free to January 1, 1985* if financed with John Deere

HAY AND FORAGE EQUIPMENT.
OFFER #1—Pick-A-Team cash rebates up to $1600 on new John Deere hay and forage tools Buy one now and receive a cash rebate PLUS a certificate entitling you to a *double cash rebate* if you purchase a second tool anytime before April 30, 1985

OFFER #2—Interest-free financing until January 1 1985, on new and used SP and PTO forage harvesters *

OFFER #3—Interest-free John Deere financing until 1985* season of use on new and used round and square balers, SP windrowers, mower/conditioners, mowers and rakes (Cash in lieu of waivers on *new* units only, except mowers and rakes)

There'll never be a better time than RIGHT NOW to make this kind of savings The factories have authorized it Your dealer is waiting for you

Model**	Cash Rebate in lieu of Waiver on Tractors		
	During Aug	During Sep	During Oct
40 hp 1250	$450	$375	$300
50 hp 1450	500	425	350
60 hp 1650	550	475	375
45 hp 2150	525	425	350
50 hp 2255***	475	400	325
55 hp 2350	600	500	425
65 hp 2550	675	575	475
75 hp 2750	775	650	525
85 hp 2950	900	750	625
100 hp 4050	1450	1225	1000
120 hp 4250	1575	1325	1075
140 hp 4450	1650	1400	1150
165 hp 4650	2000	1700	1400
190 hp 4850	2225	1875	1550
185 hp 8450 4WD	2500	2100	1725
235 hp 8650 4WD	3050	2575	2100
300 hp 8850 4WD	3800	3225	2625

Availability of John Deere financing subject to approval of credit These offers may be withdrawn at any time
A similar financing rebate offer applies to any 40 Series Tractors remaining in inventory Ask for details
This model is not available for sale in Nebraska

JOHN DEERE FACTORY AUTHORIZED CLEARANCE

ADAMSTOWN EQUIPMENT INC.
Mohnton R.D. 2, PA
(near Adamstown)
215-484-4391

H.R. GUTSHALL & SONS, INC.
Carlisle, PA
717-249-2313

CLUGSTON IMPLEMENT, INC.
Chambersburg, PA
717-263-4103

BARRETT EQUIPMENT
Smicksburg, PA
814-257-8881

EVERGREEN TRACTOR CO., INC.
Lebanon, PA
717-272-4641

ELDER SALES & SERVICE, INC.
Stoneboro, PA
412-376-3390
412-376-3740

The Long Green Line™

JOHN DEERE

Nothing runs like a Deere™

NEUHAUS'ES
York, PA
717-428-1953

SOLLENBERGER EQUIPMENT
Everett, PA
814-652-5223

LANDIS BROS. INC.
Lancaster, PA
717-291-1046

KERMIT K. KISTLER INC.
Lynnport, PA
215-298-2011

PIKEVILLE EQUIPMENT INC.
Oyster Dale Road
Oley RD2, PA
215-987-6277

WOODHULL EQUIPMENT, INC.
Medford, NJ
609-654-2011

SMITH'S IMPLEMENTS, INC.
Mercersburg, PA
717-328-2244

Manure management tour slated Aug. 30

WEST CHESTER — A manure management and manure facilities tour for Southeastern Pa. farmers is set for Thursday, Aug. 30, according to David Swartz, Dairy Agent for Chester County Extension Service.

The tour will include visits to four manure holding facilities of differing designs. Manure handling equipment will be demonstrated. Dan Myer, Penn State Agricultural Engineering Specialist, will provide comments and answer questions regarding livestock waste management, housing facilities and the costs and benefits of the various designs.

Assisting in the planning are Cheryl Fairbairn, County Agricultural Agent, Livestock; Keith Zanzinger, County Agricultural Agent, horticulture; and Marshall Haws, Exec. Cons., Chester County Conservation District.

"The tour will be especially helpful to livestock owners who are considering the construction of manure management facilities," Swartz said. "The four locations will provide the opportunity to observe the advantages and disadvantages of each system."

"Manure analysis and balancing of nutrients applied to crops is a vital part of the livestock waste management program" Zanzinger emphasized. "The analysis is used to prepare a nutrient balance sheet. The nutrient balance sheet tells the user how much commercial fertilizer is needed to balance the manure application for most economical crop production."

"Some farmers use more nitrogen and other nutrients than is needed to grow the crop. The excess nitrogen can be lost by leaching, volitization and denitrification. This increases costs and reduces profits," Zanzinger said.

Those livestock owners who already have storage facilities are encouraged to attend," Fairbairn urged. "Those users will be able to compare their planning of their nutrient management with the information presented."

Fairbairn said that information on each facility will include: number of acres the manure is spread on, what equipment is used and the time of year preferred for spreading. Capital investment of a facility will be discussed. Owners will have the opportunity to answer

(Turn to Page C8)

Be a Foster Parent

Berks County Children and Youth Services

Needs single and married adults to care for children in their homes. Be the special helper in a child's life.

Call the Foster Home Finder - BCCYS
372-8961 #73 A.M. only

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
OTT BROS.
(717) 485-4114
Also See Ad On Pages B24 & 25

FARMING IS A COMPLEX BUSINESS

FARMERS AgCREDIT
hAS RESOURCES AND LOCAL KNOW—HOW
Whatever your financial needs, CALL ON US.
George M. Lewis, President
FARMERS AgCREDIT
CORP.
9 East Main Street, Lititz, PA
717-626-4721

Some Talk About Shooting The "WELL, WE CAN TALK ABOUT SHOOTING CONCRETE"

Let Our People Come Talk With You About SHOTCRETE BUNKER SILOS

This Is THE ANSWER TO LOW COST SILAGE STORAGE
- Less Spoilage Than Earth Bunkers
- Fast & Economical Installation
- Low Maintenance

WITH OR WITHOUT CANVAS COVER

So Please Give Us A

- Installation & Maintenance of Concrete Bunker Silos
- Stone Wall Repairs
- PreCast Gunite Lined Water or Manure Storage Tanks
- Dam, Reservoir & Spillway Repair
- Slatted Floor Systems
- Silo Repairs

We're The "Concrete Specialists"

MAR-ALLEN CONCRETE PRODUCTS, INC.

Gunite Construction • Precast Concrete Products
Bridge Repair • Tank Repair • Holding Tanks • Installation • Pre-Qualified by PennDot
R.D. 2, Ephrata, PA 17522 (717) 859-3354
Subsidiary of Seal-Crete Corp.

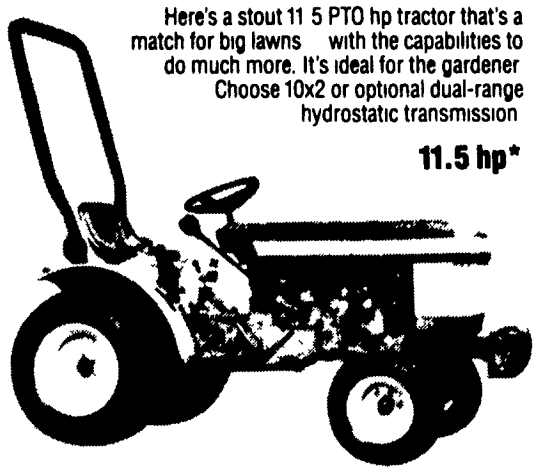
IT'S HARD TO BEAT FORD!

QUALITY COMPACT DIESELS... CHOOSE THE SIZE YOU NEED!

1110—OUR SMALLEST DIESEL

Here's a stout 11 5 PTO hp tractor that's a match for big lawns with the capabilities to do much more. It's ideal for the gardener Choose 10x2 or optional dual-range hydrostatic transmission

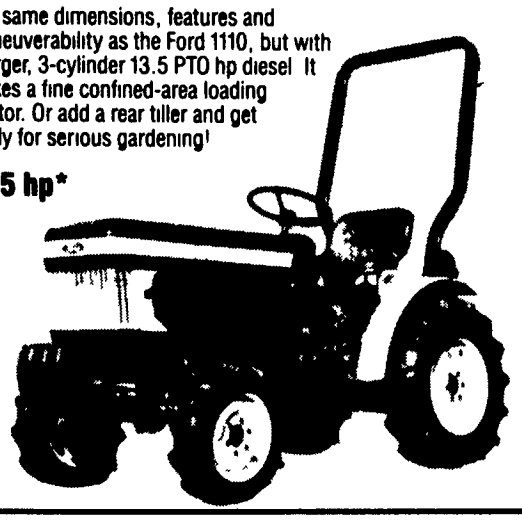
11.5 hp*



FORD 1210—THE LITTLE POWERHOUSE

The same dimensions, features and maneuverability as the Ford 1110, but with a larger, 3-cylinder 13.5 PTO hp diesel It makes a fine confined-area loading tractor. Or add a rear tiller and get ready for serious gardening!

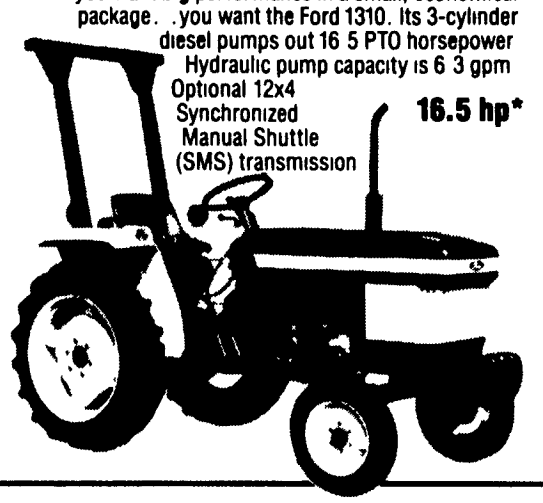
13.5 hp*



FORD 1310—IMPRESSIVE PERFORMANCE

If you want big performance in a small, economical package. .you want the Ford 1310. Its 3-cylinder diesel pumps out 16 5 PTO horsepower Hydraulic pump capacity is 6 3 gpm Optional 12x4 Synchronized Manual Shuttle (SMS) transmission

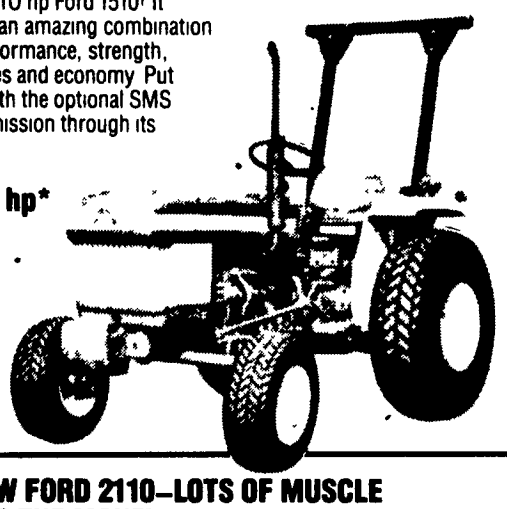
16.5 hp*



FORD 1510—THE "CAN-DO" TRACTOR

Loading, landscaping or light farm work? Call on the 19 5 PTO hp Ford 1510! It offers an amazing combination of performance, strength, features and economy Put one with the optional SMS transmission through its paces!

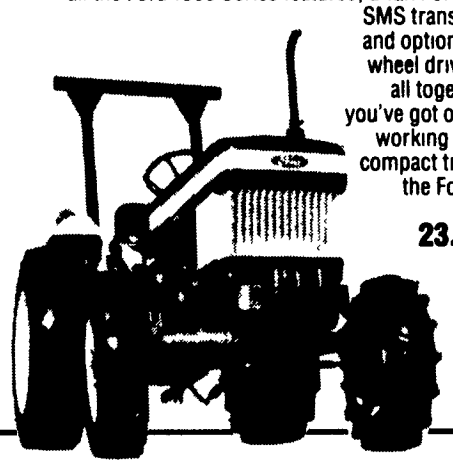
19.5 hp*



FORD 1710—THE VERSATILE COMPACT

23.5 PTO hp can do a whole lot of work. Now add in all the Ford 1000 Series features, a 12x4 or optional SMS transmission and optional front-wheel drive Put it all together and you've got one hard-working versatile compact tractor the Ford 1710!

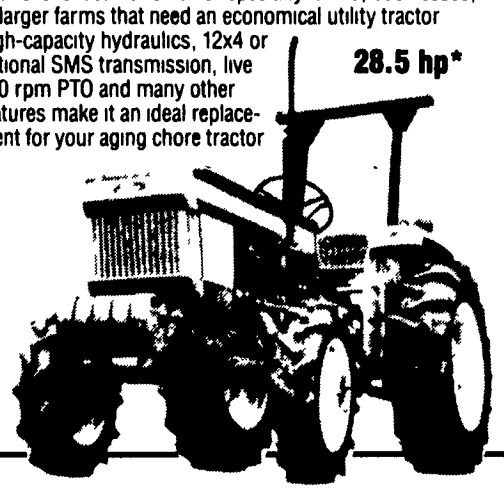
23.5 hp*



1910—28.5 PTO HP COMPACT

The 1910 is ideal for small or specialty farms, businesses, or larger farms that need an economical utility tractor High-capacity hydraulics, 12x4 or optional SMS transmission, live 540 rpm PTO and many other features make it an ideal replacement for your aging chore tractor

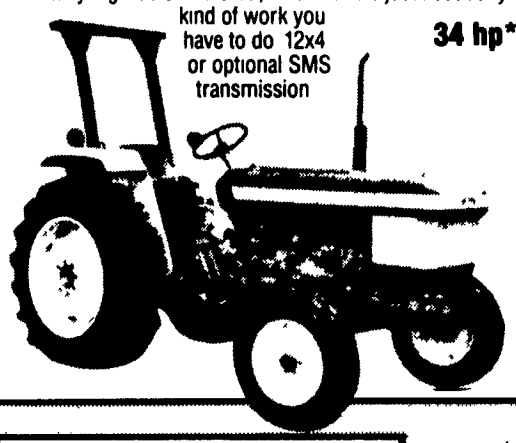
28.5 hp*



NEW FORD 2110—LOTS OF MUSCLE FOR THE MONEY

The new Ford 2110 is economical to own, operate and maintain. Yet with an honest 34 PTO hp and many big tractor features, it can handle just about any kind of work you have to do 12x4 or optional SMS transmission

34 hp*



COMPARE EQUIPMENT. FORD'S TOUGH TO BEAT

Equipment	1110	1210	1310	1510	1710	1910	2110
Mid-mounted mowers, 48, 60-in.	X	X	X	X	X		
Rear-mounted mowers, 48, 50, 72-in.	X	X	X	X	X	X	X
Rotary cutters, 48, 60-in.	X	X	X	X	X	X	X
Flail mowers, 62, 74-in.			X	X	X	X	X
Front loaders	X	X	X	X	X	X	X
Reversible rear scoops	X	X	X	X	X	X	X
Front blades, 54, 60, 72, 84-in.	X	X	X	X	X	X	X
Rear blades, 48 to 84-in.	X	X	X	X	X	X	X
Box scraper, 48-in.	X	X	X	X			
Landscape rakes, 72, 96-in.	X	X	X	X	X	X	X

Equipment	1110	1210	1310	1510	1710	1910	2110
Utility backhoes, 6, 8-ft	X	X	X	X	X	X	X
Plows, 1, 2-bottom	X	X	X	X	X	X	X
Rotary tillers, 42, 48, 54-in.	X	X	X	X	X	X	X
Subsoiler			X	X	X	X	X
Disc harrows, 53-in. and larger	X	X	X	X	X	X	X
Cultivators, 48 to 72 in.	X	X	X	X	X	X	
Snow throwers, 48, 60-in.	X	X	X	X	X		

We offer a wide range of equipment. If you don't see what you need... ask. We probably carry just what you need.

CASH SAVINGS UP TO $3800.00

OR

9.75% FIXED APR UP TO 60 MONTHS

36 MONTH TW TRACTORS CARE PROGRAM
Available On All New TW Ford Tractors
FOR 3 YEARS
ALL YOU BUY IS THE FUEL

Some Models Qualify For 9.75% Fixed APR Plus Cash Rebate

Ford Tractors Equipment

SEE YOUR LOCAL FORD TRACTOR DEALER

PENNSYLVANIA

Dover, PA
STRALEY FARM SUPPLY, INC.
717-292-2631
292-4443

Emmaus, PA
BECK BROS. TRACTOR & EQUIP.
215-965-5277

Halifax, PA
SWEIGARD BROTHERS
717-896-3414

Hanover, PA
SALTZGIVER'S INC.
717-632-9119

Ivyland, PA
WM. HOBENSACK'S SONS
215-675-1610
343-2101
NJ PH:
800-435-7336

Klingerstown, PA
STANLEY'S FARM SERVICE
717-648-2088

Lancaster, PA
LANCASTER FORD TRACTOR, INC.
717-569-7063

Lebanon, PA
KELLER BROS. TRACTOR CO.
717-949-6501

Mechanicsburg, PA
J & R FORD TRACTOR SALES
717-766-0708

Mill Hall, PA
DOTTERER EQUIPMENT
717-726-3471

New Holland, PA
ALLEN H. MATZ, INC.
717-354-2214

Reynoldsville, PA
McGARVEY EQUIP., INC.
814-653-9637

Shippensburg, PA
CUMBERLAND VALLEY CO-OP, ASSN.
717-532-2191
532-7811

Tamaqua, PA
CHARLES S. SNYDER, INC.
717-386-5945

Wellsboro, PA
BENEDICT'S FORD TRACTOR
717-724-2839

DELAWARE

Cheswold, DE
DEL-MAR FORD TRACTOR, INC.
302-678-8484
800-441-8000
Security Ford Tractor, Inc.
Baltimore, MD
301-247-9600

MARYLAND

Churchville, MD
Walter G. Coale, Inc.
301-734-7722
301-879-1434

Frederick, MD
SPERRY NEW HOLLAND CERESVILLE
301-662-4197

Hagerstown, MD
ANTIETAM FORD TRACTOR
301-791-1200

Upper Marlboro, MD
GATEWAY FORD TRACTOR, INC.
301-627-6400

NEW JERSEY

Andover, NJ
ANDOVER TRACTOR & EQUIP., INC.
201-786-5525

Bridgeton, NJ
LESLIE G. FOGG, INC.
609-451-2727

Trenton, NJ
TRENTON FORD TRACTOR, INC.
609-883-7360
215-752-0867

Washington, NJ
SMITH TRACTOR & EQUIPMENT, INC.
201-689-7900

Manure tour

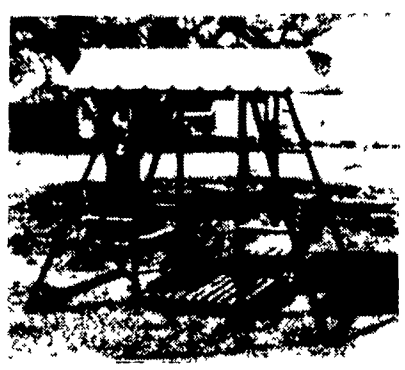
(Continued from Page C6)

questions such as fertilizer costs before and after the system was installed and whether or not the system has paid for itself – both from a labor saving and nutrient saving point of view.

"Farmers must make sure that their farming operations, whether it be livestock manure and nutrients or erosion and resulting mud, do not do damage to neighboring property. That neighboring property includes that portion of the Chesapeake Bay watershed that is fed by the Elks, Northeast and Octoraro Watersheds," Haws explained. "Participants on this tour will see how farmers have taken the responsibility of handling their livestock waste."

A seven-year $28,000,000, E.P.A. study of the Chesapeake Bay has alleged that non-point pollution from agriculture has caused the demise of Bay grasses, and decreased the harvest of fresh water and shell fishing in the bay. The finger is pointed at the nutrients from livestock wastes and over-fertilization as the culprit. The manure management tour is one part of an Extension Service/Conservation District program to help farmers reduce costs, increase their income and alleviate damages to neighboring property owners.

Bus transportation will leave Faggs Manor Church (Route 926, between Route 10 and Route 41) at 9:30 a.m. Return is scheduled at 3:15 p.m. A bag lunch will be provided for those riding the bus, courtesy of Farm Credit Service of Chester County.



Easy Swinging

Double Bench Lawn Swings Can Be Dismantled For Hauling

$230 Complete With Canopy
$175 Without Canopy

Porch Swings, Gliders, Chairs

J. Z. Lawn Swings
Box 145 Kinzer, PA 17535
Rt. 340 East of Lancaster to Rt. 897 north, go 1 mile, keep left on Peter Road. Third Farm.

See Us At The 1984 AG PROGRESS DAYS
Stop By Our Location On West 6th Street

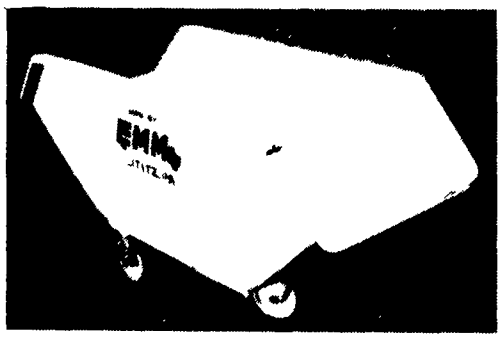
Feedcarts Don't Come Any Easier Than This!

The EMM feedcart is designed from the wheels up to make things easier for you, day in and day out We've used modern materials and construction techniques to make it light, maneuverable, durable and simple — with BIG load-carrying capability
That's why the EMM feedcart is

- **Easier to move around:** Low unit weight, narrow sides and free-rolling wheels make handling a snap, empty or full
- **Easier to work with:** Generous 16-bushel capacity lets you get the job done with fewer refills
- **Easier to care for:** The unitized, hand-laminated fiberglass cart body can't rust or rot

AG PROGRESS SPECIAL $215.00

Compare the EMM feedcart with what you've been using No doubt you'll find that feedcarts really don't come any easier than EMM Carts



SPECIFICATIONS
Weight 70 lbs
Dimensions Length 68 in
Width 28 in
Height 33 in
Wheel Diameter 8 in
Maximum load rating approx 1 500 lbs
Structure load bearing fiberglass tub no metal frame
Bottom Reinforcement ½ inch plywood panel
Wheel Attachment 3 bolted through bottom

Hand Laminated Fiberglass

MINERAL FEEDER

SHOW SPECIAL
2 Show Units Complete As Shown
$95.00 Each

Use Our New Toll Free Phones:
In Pa. 1-800-822-2081
Outside Pa. 1-800-833-3041

Contact Us For Your Nearest Dealer!

EMM
EASTERN MOBILE MILLS
1248 E. Newport Road, Lititz, PA 17543
Phone 717-626-4762

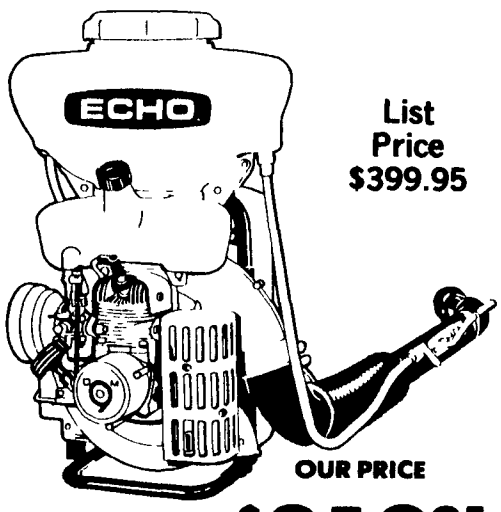
BOMBERGER'S

CLEAN UP THE FARM & FIELDS ... WITH AN ECHO

POWER SPRAYER/ DUSTER

SAVE $80

Get your dusting and spraying jobs done quickly and easily.



List Price $399.95

Heavy-duty, but compact and lightweight, this backpack sprayer/duster goes anywhere you go. Optional attachments give added versatility. And the ECHO DM-9 can also double as a power blower.
12-MONTH LIMITED WARRANTY*
* 90 day limited warranty if used commercially

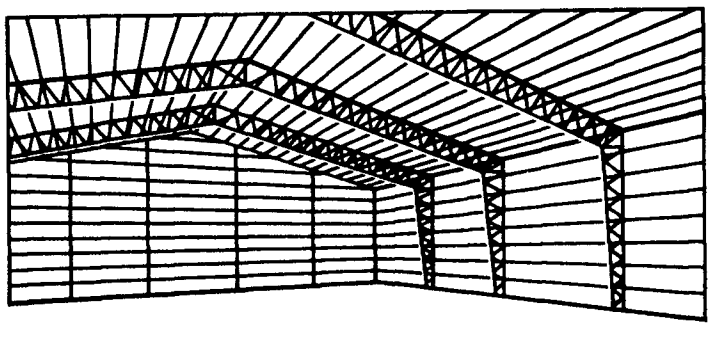
OUR PRICE **$319.95**

ELM, PA **Bomberger's** (717) 665-2407
Mon., Thurs., Fri. til 9:30; Tues. & Wed. til 6:00; Sat. til 5:00

Low Cost building space.

40'x72'
Delivered And Self Erected

$8,950



- Clear Span Steel Frames
- Wood Framing
- Great Flexibility And Easy Customizing
- Meets Your Needs And Budget

CECO **Rural Building Systems**

MANY OPTIONS To CHOOSE FROM!

14,000 Bushel Capacity
30' BIN
Inventory Only (Weathered) **$3,940**
Ask For Specials On Other Sizes!

TAP ENTERPRISES, INC.
4531 Kutztown Road
Temple, Pa. 19560
215-929-2884 215-929-2553
215-921-3913

Babin gets PDA post

HARRISBURG — Gary W. Babin, 30, of Lancaster, has been appointed Director of the state Agriculture Department's Bureau of Agricultural Development by Pennsylvania Agriculture Secretary Penrose Hallowell. Babin assumes his new duties on August 30.

As director of the Bureau of Agriculture Development, Babin will be responsible for administration of programs which provide assistance in location and expansion of agribusinesses, rural community programs, and export development. The Bureau also is involved in efforts to promote farmland preservation across the commonwealth and administers several farm-related loan programs, including the Farm Market Loan Program and the Agricultural Development Program of loan guarantees for family farmers.

Babin has served the Lancaster Chamber of Commerce and Industry since 1980, as staff manager for community affairs and, since 1982, as Vice President and Director of Public Affairs. In these capacities he was responsible for developing programs in governmental affairs, agriculture and downtown revitalization. Under Babin's direction, the Lancaster Chamber initiated several programs to increase awareness of the inter-relationships of agriculture and business.

Babin serves on the Board of Directors of the Pennsylvania Chamber of Commerce Executives and as Treasurer of the Capitol Region Council of Chambers. He has supervised the Associates

MID-SOUTH TRACTOR PARTS, INC.
Rt 2 Box 316 Sikeston MO 63801
Save 50% Buy Good Used Parts
Mid-West's Largest and Most Complete Inventory
CALL TOLL FREE
Out of State 1-800-325-7070
Missouri Res 1-800-392-0929
We Ship Anywhere!

HOULE • Liquid Manure Pumps • ELECTROMIX • Barn Cleaner Chains
WIC • Bedding Choppers • Silage Carts • Manure Tanks
US AGRI-SYSTEMS 800-222-2948 (301-398-2948) local • Free Stalls • Self-Locking Panels • Comfort Stalls • Gutter Grates
Available From UMBERGER'S MILL (717) 529-2569
Also See Ad On Pages B24 & 25

GEHL EQUIPMENT SPECIAL
5% OVER INVOICE
FB 99 Gehl Forage Blower
CB 1000 Gehl Forage Harvester w/2 Row Head & Pickup Attachment
MX 135 Gehl Mix-All w/Scales
DC 1080 Gehl Mower-Conditioner
BU 640 Gehl Forage Wagon
(2) BU 960 Gehl Forge Wagons
DON'T DELAY - CALL TODAY
5% OVER INVOICE
Vernon E. Stup Co.
5859 Urbana Pike
Frederick, Md. 21701
301-663-3185

WALINGA AGRI-VAC MODELS FOR 1984
There's an Agri-Vac model to suit almost any farm or grain handling requirement.
A wide range of options allows you to custom-design your Agri-Vac to suit your particular needs.

MODEL 614
For big acreage operations

	BU HR
Barley	Up to 4,000
Wheat	Up to 3,500
Soybeans	Up to 2,700
Corn	Up to 3,500
High moisture corn	Up to 2,000

MODEL 510
For medium-sized operations

	BU HR
Barley	Up to 2,600
Corn	Up to 2,600
Wheat	Up to 2,000
Soybeans	Up to 1,800
High moisture corn	Up to 1,200

MODEL 608
For medium sized operations

	BU HR
Barley	Up to 1,800
Corn	Up to 1,800
Wheat	Up to 1,500
Soybeans	Up to 1,300

MODEL 506
For small and medium-sized operations

	BU HR
Barley	Up to 1,200
Corn	Up to 1,200
Wheat	Up to 1,000
Soybeans	Up to 900

Spend 15 Minutes of Your Day — Stop By At Ag Progress Days For A Live Demonstration!
510 PTO WALINGA UNIT
(As Pictured)
List Price $13,400
AG PROGRESS SPECIAL... $10,900
Stop By Our West 6th Street Location At Ag Progress...
REGISTER TO WIN A DEEP SEA FISHING TRIP!
(One Entry Per Family)

Distributed By:
EMM
EASTERN MOBILE MILLS
1248 E. Newport Road, Lititz, PA 17543
Phone 717-626-4762

☐ I'd like More Information on the Walinga Agri-Vacs!
☐ I'd like A Demonstration.
Clip & Mail to:
Eastern Mobile Mills, 1248 E. Newport Rd., Lititz, Pa. 17543
Name _____
Address _____
Town _____ State _____
Zip _____ Phone _____

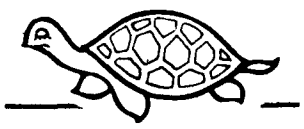
Call Toll Free - In PA: 1-800-822-2081; Outside PA: 1-800-833-3041

BUY, SELL, TRADE OR RENT THROUGH THE

CLASSIFIED ADS

PHONE: 717-626-1164 or 717-394-3047
Mon., Tues., Wed. 8 AM to 5 PM -
Thurs. & Fri. 7 AM to 5 PM

DON'T BE SLOW



Call Now To Place Your CLASSIFIED AD
Ph: 717-394-3047 or 717-626-1164

For Sale - NH 276 Hay Baler, sharp. 717-665-5739.

FARM EQUIPMENT

For Sale - IH 11 tooth mounted chisel plow, very good condition. 717-464-5131.

FARM EQUIPMENT

Chisholm-Ryder snap bean harvester, diesel, hydrostatic, completely reconditioned with dump cart. Columbia County. Phone 717-759-0679.

FARM EQUIPMENT

3 steel corn cribs w/roofs, 1500 bushel capacity each, good condition. 609-298-7104.

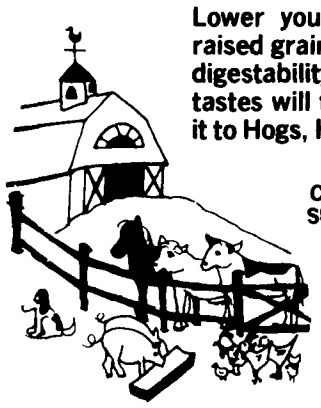
FARM EQUIPMENT

1976 MF 750 diesel with grain saver and straw shreader. 14' grain table with table height control. 6 row 63-C corn head. Call 717-425-3899.

SOYBEAN ROASTING ON YOUR FARM

DON'T WASTE IT - ROAST IT

Roast Your Barley, Wheat & Oats



Lower your feed costs by feeding your own raised grains. Roasting your grains will increase digestability and remove moisture. Flat bitter tastes will turn to sweet pleasant flavors. Feed it to Hogs, Heifers, Dairy Cows and Horses.

CUSTOM GRAIN ROASTING DONE IN PA AND SURROUNDING STATES OR OWN YOUR OWN ROAST-A-MATIC GRAIN ROASTER.

DALE L. SCHNUPP
RD 6, Lebanon, Pa. 17042
PH: 717-865-6611

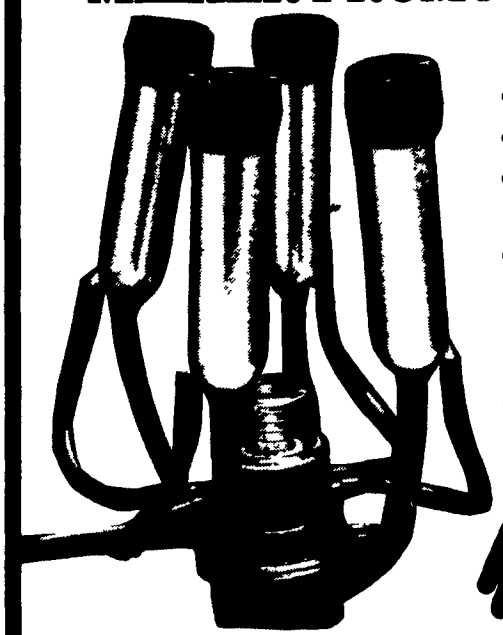
STOP AND SEE OUR EXHIBIT AT AG PROGRESS DAYS AUGUST 21, 22 and 23

ALLEN SUMMERS
RD 1
Nottingham, Pa. 19362
215-932-4761

PENN OHIO GRAIN ROASTING
RD 2, Box 91
Enon Valley, PA 16120
412-336-5443

DAVID N. GROFF
RD 1 Box 506C
Lewisburg, Pa. 17837
717-966-3593

MLX SYSTEM A NEW GENERATION MILKER FROM NU-PULSE



OFFERS:

- Faster Milking
- No Fall Off
- Long Inflation Life
- Simplicity That's Simple Enough To Handle Yourself
- No Electrical Wires For Pulsation

Nu Pulse

HEAR THESE IMPORTANT FACTS ABOUT THE MLX SYSTEMS AT AG PROGRESS DAYS IN THE NU-PULSE EXHIBIT Located at West 9th St.

- About High Producers
- About One-Line Operation
- About Back Flushing
- About Breakage
- About Cleaning
- About Maintenance Costs

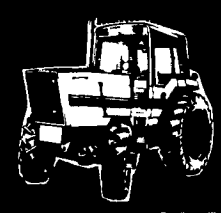
Let Us Show You An MLX System In Operation

FISHER & THOMPSON ASSOC.

Milking Equipment Sales & Service
"Authorized Nu-Pulse Dealer"
21 E. Woods Dr., Lititz, PA
24 Hour Service - PH. (717) 627-1530
Amos Fisher (717) 687-8871
Rich Thompson (717) 627-1530

Don't Read This Ad Unless You Want To Save Money

STOP



IH 3088 90 H.P.
18.4x38 Tires
$23,200

2400 HI CAPACITY ROUND BALER

$7,900 CASH

NEW IH TRACTORS AND EQUIPMENT

3688 Cab, Air	$35,000
56 Blower	$2,550
881 Forage Harvester w/Grass & Corn Head	$15,900
5500 7 Tooth High Clear Chisel Plow	$1,900
4500 12'5" Vibra Shank Field Cultivator	$2,500
450 3-16 Reset Plow	$3,500
720 5-18 Reset Plow, Trash Plates	$7,995
560 Manure Spreader, 289 Cu. Ft. Capacity	$5,500
5100 16x7 Plain Grain Drill w/grass seed	$4,000
#10 Flail Chopper	$5,500
Landoll 7 Shank Soil Master, Demonstrator	$6,150

RED HOT SPECIAL

IH 886 Tractor, 2300 hrs., new T.A., cab, air, very good rubber, develops 90 h.p.
$17,500
We'll give you a red hot trading deal

LOCAL GROWN USED TRACTORS & EQUIPMENT

Waiver Til 9/1/84 Available on Used Tractors

IH 886 90 H P Cab w/Air	$17,500	(2) IH #56 4 Row Planters	
IH 966 Cab, Good Rubber	Call	JD 345 4-16 Semi-Mount Plow, Hyd Reset Excellent	$3,000
Farmall 504 Gas, 3 PT w/IH 2000 Loader, Excellent Cond	$6,950	IH 700 5-16 Semi-Mount Auto Reset Plow, Can Convert To 4 Bottom, Good Cond	$2,650
IH 1256 w/20 8x38 Rubber	Call	IH 710 3-16 Semi-Mount Auto Reset Plow	$2,750
JD 2010 Diesel Utility, Excellent Rubber Excellent Condition	Call	IH 37 Baler w/Thrower, 1 Owner, Guar	$1,700
IH 2 Row Cultivator for F230, 240	$250	IH 990 Mower Conditioners, 9 Ft Cut	$2200
Papec Forage Blower	$650	Gleaner M 1974 Diesel Combine, Cab, 4 Row Corn Head, 13' Platform, w/Pickup Reel	$16,900
IH 56 Blower, Late Model	$1,200	IH 400 6 Row Air Planter, No Till Coulters, new Double Disk Openers Insecticide	$3,000
AC Forage Blower	$400	AC 4 Row Narrow Air Planter, No-Till Monitor Insecticide, Markers	$4,000
500 Gal Walsh Trailer Boom Sprayer	$1,000	IH 400 4 Row Air Planter No-Til Coulters, Insecticide	$2,250
NH 880 Harvester w/Corn Head	$3,000		
IH 530 Manure Spreader 145 Bu	$1,500		
JD 54 Manure Spreader w/Hyd Endgate	$1,750		
IH 350 Tandem Disk Harrow 10'3" excellent	$2,250		

C & W EQUIPMENT, INC.

260 York Road Carlisle, PA 17013
(Next To the Farmers Market)
Phone: 717-243-4419
We Ship Parts Via UPS Daily

(Combines on our lot)
JD 6620 Side Hill, fully equipped, used 400 hrs., like new w/643 C.H.
Used J.D. 6620 L.L. Hydro fully eq. w/heads; Used 1980 JD 6620 side hill fully Eq. w/215 flex & 643 C.H., real nice.
New JD 4420 fully equipt. 443 C.H. Used NH TR70 Hydro w/15 ft. flex & 6 row; Int. 1460 axial flo w/grain & 6 row; White 9700 rotary w/4 whl drive, grain and 6 row C.H. 1977 JD 4400 Dsl. cab and air real nice; 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn.
1977 JD 6600 Side Hill Hydro w/heads.
New NH TR 85 w/grain & 6 row C.H.
1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/C.A. and 2 heads, 1976 Int. 915D w/810 grain head. 1979 MF 550D, excel. w/grain and corn heads. 1975-MF 510D hydra. w/grain and 43 corn heads.
MF 410 D. w/cab & Q.T. Grain head.
MF 510D w/cab, Quick Tach grain Sale Price $5850.
1968 Gleaner CII diesel w/cab and 4 row C.H.; D w/grain & corn head.
1969 MF 510 D, cab & 2 heads for $9500.
MF 300 w/cab & 2 heads for $2900.
1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.
1972 Gleaner F w/grain & 4 row C.H.
Int. 105 w/cab 10 ft. grain and 2 row C.H.
Gleaner E III w/cab.
AC 90 pull combine.
NI 702D w/cab w/chopper and 2 row C.H., $6250. 702 w/729 A sheller.

NI 702 Wagon w/727 Husky Bed.
JD 7720 w/Fire Damage.
(Financing Available on Combines & Tractors).
We have 4 N.I. Uni 729A shellers from $1500.
Tractors & Equipment Just Traded & Purchased - New JD 4440 SG, Cab, PS; New JD 4440 SG, Cab, Quad; Used JD 4440; C.A. PS, original, real nice; Agri Power #9000 - 115 HP; Used 80 hrs., like new; New JD 6- row conservation planter w/liquid fert., inst., & monitor; Price for $12,900. New JD hay pickup head, $1,700; JD 4450 C.A. Demo; JD 4030 SG, Cab, Air, Quad, real nice; JD 4020 w/WF, 2 valves, new motor & original paint; JD Loader; 4430 CAQR. JD 4320 w/cab, JD 2940 w/RG canopy. Int 656 utility D. w/2250 Loader, Farmall 186 Hydro Cab & Air; 706 Gas WF, TA, FH. Original. IH 3788 2+2 used 700 hrs.; IH 3588 2+2 w/800 hrs.; Farmall 656 D, WF, TA, motor rebuilt; White 4-150-4 WD for $11,900; JD 4020 side console, Farmall 656 Hydro D., real good, Case 1030 D New MC; 9 ft. cut/ditioneer, $4450.00; New MC 7' for $3900.00; Used NI 279, cut/ditioner; Used NH 477 7', (SOLD); JD 410 Round Baler; Int. 400 4 row cyclo planter w/no-til; Brillion 21 ft hyd. fold cultimulcher; Oliver 4xsp. reset plow; Case 1537 Skid Loader.
Late model JD 1209 Haybine.
Hay Equipment Came In This Week. NH 1038 auto bale wagon (Demo) done 3 loads below dealers cost. NH 472-7 ft. Haybine, like new, $4,450.00, (SOLD).
Balers JD 336 twine w/thrower, real nice; JD 336 twine w/wagon hitch, real nice; JD 336 wire w/thrower; We have 5 JD 336 Balers to pick from; JD 410 Round Baler, real nice; JD 500 Round Baler, $4,400.00; NH 472 - 7 ft. Haybine, like new, $4,575.00; NH 477 haybine 7 ft.
NH 479 Haybine, excellent, real nice; JD 6600 Rake w/Front Whl.
Hay Equipment Specials Haybines. Used Hesston 1014 Hydro; Swing, 12'; NH 495 12'; Int. 990 9' late model w/2 rubber rolls; JD 1209 for 2000, Int. 1190 for 2475. New NH 489; Haybine for $7,750.00; NI 7' cut/ditioner.
MC 9' rotary scythe, $1250, NI 279 cut/ditioner, $1500, NI 7' cut/ditioner, $1200 & Up.
Int. 990, $1250.00, (SOLD).
Balers: NH 269 w/thrower for $1375.00.
Case 330 Baler w/thrower, nice.
NH 320, looks like new; also new #70 NH Thrower. JD 466, a real nice big baler. Used NH 258 rake w/whl.; NH 55 Rake; JD 4040 Rake w/whl.; NH 273 w/thrower. Lely Hay Tedder.
TRACTORS AND EQUIP. JUST PURCHASED, New JD 4240 C.A. and P. Shift, JD 4620 w/cab and new tires, real nice, JD 4640 C.A. PS 20x38 tires w/Dual Wheels fully equipped, 800 hrs., like new, $35,800.00; JD 2940 w/300 hrs., Used JD 2640 w/Hi-Lo dual hydraulic, $9875; JD 4520 P. Shift w/cab; JD 2010 D, (SOLD); JD 2010 gas 1775, Farmall 1086 C.A., $17,800; Farmall 886 w/cab and 18x38 tires like new, Farmall M, Super A w/2 Way plow, Cult.; Snow plow, Fully Eq., excel. cond.; Case 930D, original, Case 1030D, JD 3020 S.C. P.S. WF, JD 3010 gas; New A.C. 8050 P.S. w/radial tires list 56, cost 44, our price $34,850 - MF 184 4 whl. drive, MF 1080; used JD 4440 C.A. Q.R. looks like new, $26,500.
Just Traded JD 4430 CA QR-nice.
Used JD 4040 w/R.G. and QR- nice. JD 4630 cab, air P.S. w/front whl. drive; JD 6030 C.A. Duals all original; Farmall 1586 C.A. real nice; Farmall 1486 C.A. w/radial tires, real nice, one local owner; 1086 C.A. original, Int. 784 utility D, 1066 Hydro original, Farmall 706 gas WF and 3 pt., 766 original, NI 325 picker w/sheller like new. NI 325 picker w/12 roll bed; N.I. 324 picker w/12 roll bed; Case 1370 C.A. PS - factory duals and full wts., $13,500.00.
NI Combines Just Dealt. NI 717 combine w/13 ft. grain; NI 738 4R N CH; NI 10 ft. direct cut head; NI 3 row 30" silage head.
NI 713 Q Tach grain head.
MF 1135 CA MP real nice. Farmall 1468 C.A. $8850.
Farmall 886 w/R.G., 560D w/F.H. Nice 756D WF and F.H. nice original, 756D WF 3 pt.; INT. 656 utility D, nice original Farmall 450 w/2000 loader.
Int. 574 utility D, w/new tires.
Farmall 460 gas TA, FH for $1975.00.
Used NI 323 1 row picker $2150.
AC 7010 C.A., P.S., 20:8x38 tires, full wts., light package looks like new.
Farmall 656 gas; JD 730 D, nice. JD 620 w/PS; JD B.
Rakes: new NH 256 for $2100, (SOLD).
Used NH Tandem Rake Hitch; Used NH 479 haybine w/poor rools, (SOLD).
JD 216 Forage Wagon w/tandem axle & roof, (SOLD).
New Holland 1012 and 1010 Bale Wagon.
JD 4030 4 Post w/Quad & good tires; 1971 JD 3020 D. W.F. P. SHift w/2 valves; JD 630; JD 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. JD 4020D W.F. P.S., JD 6030 C.A. real nice, JD 3010 Tri Gas, Farmalls 1586 4 post R.G. w/duals, 1086 w/cab, 1206 extra nice.
Int. 606 w/loader, MF 175D w/R.G.
JD 4020 D., W.F., P.S. and diff lock) (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. Forage Wagons.
NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.
(New) NI 323 cornpickers at old price.
New NI 324 2 row picker.
Used Fahr rotary 7 ft. haybine. Glenco SS9 Soil Saver, JD 210 14 ft. Disc, Hesston #30 Stakhand.

CHISEL PLOWS- new Ford 13-ft. 3 pt. w/gauge whls.
Used Grim 4 star hay tedders.
Used NI 279 Cutditioner, 2 NI 272 cutditioner, NEW NI 406 rake w/front whl, $2275.00.
Grinder mixers, NH 357 for $3850, JD 700 Grinder Mixer, like new. (Just Traded) N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, real nice and field ready.
New AC 7010 w/20 sp. trans. JD 4020 S.C. w/cab. MF 1135 w/cab. Farmall 350 w/P.S. and F.H.
Farmall M Diesel w/PS; M& W PTO Superb Trans. & Dual Hydraulic Farmall Super A w/Cult. Farmall A w/Cult.

We have 3-Farmall M's & 3 Farmall H's.
Balers - JD 410 Round Baler; JD 500 Round Baler. New Idea #456 round baler.
TRACTORS & EQUIP. Farmall 1566 w/cab and duals.
Case 1410D, nice.
Cub 185 Loboy Cub 184 w/3 pt. & mower, like new; Cadet 1650, 682, 128, 125; JD 317, 314, 210, 112.
New John Deeres 4240 cab & air Q.R. for $30,000; New JD 4440 C.A. QR w/radial 20x38 tires for $36,250.00. Local trade ins - Used JD 4230 CA QR, 4020 side console; Equipment.
Corn Heads JD 643, 444, 244, 243, 843, 343, 443, 313 for 45C, 235, Massey Ferguson 1163, 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 844, 744, 843, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, NH 4 row 38" C.H. New JD 444 $7350 reduced to $6875. JD 443 used 2 seasons; 3 late model 643 JD Cornheads; Gleaner A430 used 4 years. 60 corn heads on lot. NI 738 and 728 4 row 30"
New Int. 810 13 ft. grain head.
Used Int. 820 16' flex grain head.
Used JD 215 Flex Grain Head; 3 Used JD 13' Grain Head.
K 10' grain head.
2 used MF 63C Corn Heads to pick from. 4 used #810 Int. 13 to 16 ft. reg. and floating heads.
(New Farmalls) 5088 C.A. for $34,850 New 3688 fully eq., $30,800.00. Reduced to $30,000.
(Used Farmalls) 966 original, 1206 real nice, Used JD 4230 w/R.G. We have 4 JD 4020 side console diesels. 1970 JD 5020, $6950.00; Ford TW20 w/cab w/220 hrs., damaged.
Case–Used 2590 Fully Eq., Cab Air, PS, Dual Whl., 900 hrs. for $22,900; Used Case 2090, CA, PS, like new.
Case 1370, 1070, 1030.
AC 220 original w/1700 hrs. for $8,850; AC D 15 WF 3 pt. Case 1410 original for $7,500; JD 4230 w/Rops for $12,800; 1971 JD 3020 SC, PS, DL, +2 valves.
TRACTORS - Farmall 544 gas W.F., Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.
1971 JD 4020 original; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, New Holland 770 w/2 row 30" C.H.
Long 910 D.
CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.
CORN PICKERS - New NI 325 w/12 roll for $11,800, used N.I. 325 w/12 roll bed current model. Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. JD 300 w/243 C.H. NI 311 - 2 row.
NI 727 Uni Husking beds.
JD 4020 w/58 Loader, JD 4320 w/cab.
560 D w/F.H., nice.
Farmall - 1568 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856 w/38" tires, very nice; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756.
HARVESTERS. Used JD 3800 w/2 row C.H. and pickup for $2850, N.H. 890 w/3 row 30"; NH 890 w/2 row; NH 770 w/2 row 30"; NH 707 3 pt. w/2 heads; Fox 2 row snapper head. NH 770 1 row snapper C.H.N.H. 890-2 new snapper head, new N.H. 890 new corn head used N.H. 770-H824 2 new corn head and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800. JD 4 row Stalker head, like new.
New JD 5½' Used JD 5½'.
NH 770 w/Pickup head.
Int. 650 Chopper.
Gehl recutter blower.
ALLIS CHALMERS; 7040 w/cab, power shift like new, low hrs. 220 original, 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.
2 JD 4 wheel drives 8630 fully eq. w/duals; & 7520 fully eq. w/duals.
FARMALLS: Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall 826 hydro D nice.
Int. 656 Utility D w/2250 Loader.
New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.
Dealers net $23,700. Our special price $21,850.
New White 2-105 w/cab $22,850.
MASSEY FERGUSON - 1155, cab & air, M.P. for $8950.00; MF 175 D; MF 85D w/new tires, MF 1155 w/C.A. M.P., MF 1130 for $6250. MF 1080D, MF 90D; Oliver 1950T w/cab for $5,975; 2050, 1855, Diesel for $6000.00; 1855 w/duals, MM Vista 1000 w/cab and loader.
New NI 324 picker w/super sheller list $15,390. Special $8,475. Farmall 706 w/310 German D. w/cab, JD 2520D, MF 1135 w/R.G. and dual wheels, Int. 656 utility Hydro D., (SOLD); NH 890 2 row snapper head. JD narrow 30" 2 row head, like new.
NI 325 pickup w/12 roll bed used 4 yrs.
Ford 7700 w/cab.
Ford 4600 D, low hrs, $8800.00
Fords-5000D, Small tractor just traded.
Ford 850, Jubilee Original; JD 2010 D, real nice.
N.I. 702 Uni tractors w/combines & 729A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.
IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new. Cat 933 crawler loader.
MF 200 Crawler w/6 way hydraulic blade; JD 350 Crawler loader.
AC 715D w/cab, L&B, Cat, Road Grader.
AC 600-21 ft. forklift.
Bobcat 720 Hydro Skid Loader.
Mechanics Specials. JD 3010 gas.
Farmall 1256, needs motor work.
Case 1212 D.
Case 1410. Farmall 706 gas needs trans work, $2900.
Planters - New JD 6 row Conserv. no-til w/dry insect and monitor for $12,800. Used JD 7000 4 row planter; JD 7000 6 row plate w/fert. inst., JD 1460 6 row no-til liquid plateless Inst. - $1975.
AC 12 row No-til Soybean Planter, Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor.
Cabs for JD and Int. 66 series Tractors.
3 new full vision cabs for M.F. 165 thru 1135.
Glenco 12 ft. 9" Soil Finisher like new.
Brady 14 ft. pull chisel plow w/Buster bar.
Athens and Bush Hog 12 ft. and chisel plows.
Pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. NI 214 nice, JD 54 spreader.
Used Danuser Post Hole Diggers.
New JD front dozer blade for 4520 thru 4620, 4430 and 4640.
N.H. 38 flail chopper, like new.
NH 36 Flail Chopper.
NH 27 Blower; Int. 56 Blower.
Used Brillion, 8' packer seeders; Used Century 400 gal. sprayer.
NI 319 mtd picker w/12 roll. JD 6 & 8 row front cult. New 15 ft. rotary cutter, Oliver 3x rollover.
PLOWS - JD 5x hyd., JD 2500 - 6x18 sp. reset, Int. #700 6x16 sp. reset w/colters etc. for $2650. Ford 5X sp. reset, Ford 4X 3 pt. sp. reset; Oliver 4x16 rollover, JD 3x16 rollover, Ford 2X rollover, like new; AC 6X reset plow, MF 4x16 3 pt. plow; New Ferg. 10 ft. chisel plow w/gauge whls., Used Chisel Plows Brady 12 ft. & 10 ft. chisel plow, New IH 3 pt. field cult. 12', Used 3 pt. Bush Hog 7 shank V-ripper; Bestland rock picker. New Johnson loader.
Used Int. #315 13' roller harrow.
Used Brillion 13' roller harrow; JD 13' R.H. $975.00; JD 3 pt. - 1&3; Shank Sub Soilers.
Int. 480 20' Fold Disk.
Howard 13 ft. rotovator.
3 used Woods 3 pt. mowers, like new, (SOLD); Ferg 3 pt. rake; New 12 ft. 3 pt. field cultivator.
New Landoll 24 ft. hydraulic fold chisel plow.
JD 12 ft. Pull Chisel Plow.
2 new DMI 12 ft. pull chisel plows, JD and Oliver 4, 6 & 8 row front mtd. cult.
Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550.
Ford 12 ft. Heavy Disk. Kawanee 22 ft. Wing Disk.
JD 8300 - 21x7 DD Grain Drill w/Soy Bean Attach.; Used 200 acres, like new.
Int. 5100 - 21x7 DD grain drill, like new.
Int. 510 21x7 D.D. w/press wheels 2- sets of press wheels for JD drills.
MF 43 22D w/grass seed.
New Fast Hitch 3 pt. adaptors for Farmalls.
Loaders, new Int. 2355; Used JD 260, 48, (SOLD); JD 58, 46A. Int. also set of forks, like new, Int. 2000 loader, 1 Int. 2001 loader, new Great Bend loader, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 2 Used 30.5 x 32 tires.
2 New sets JD 38" cast whls. & rims for 4640 etc.
TRUCKS - 1979 Chev. C65 24 ft. rollback, like new.
'76 Chev. 4x4 Pickup.
Int. Scout 4 whl. drive, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new.
(New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for JD 3960, 3800, 38; Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.
JD front & rear weights, IH front and rear weights.

For your needs call:
STITZEL FARM EQ. INC.
East Windsor St.
& Krick Lane
Hamburg, Pa. 19526
Phone Bus. 215-562-8377
home 215-562-7451

FARM EQUIPMENT

JD 4320 tractor, 1972 Model, very good condition. 717-532-7054.

JD 93 backhoe attachment for 350 or 450 tractor, $2,700 No checks. Wayne Co. 717-937-4558.

JD 4 bottom trip back plow. 717-532-7054.

JD #216 forage wagon, 6'x16' w/roof, JD-10 T. chassis, flotation tires, extendable tongue, $1,400. 717-485-3334.

JD 4430 4 WD Tractor, 3,000 hours, 18.4x38" tires, very good condition. 717-532-7054.

10 h.p. Lawn Tractor, snow plow and wheel weights, $1,395; 100 CC Yamaha trail bike, $695. 717-397-1186 before 11 a.m. and after 6 p.m.

For Sale - JD model 443 corn head, new style, used on less than 100 acres. 215-869-8745.

FS-M & W 450 bushel continuous flow corn dryer, power take-off drive. 717-354-9136.

Onan 5 KW generator, operates LP gas. Options: natural gas or gasoline, $2,500 or best offer. 717-367-6290 after 5 PM.

2 row Oliver potato digger; 2 row Oliver front mounted cultivator. 814-344-8912.

Uni 702G with cab and heater. Good rubber under 1500 hours; also 710 combine. Will separate. Call 201-537-4460 after 6:30 PM. Warren County, NJ.

SYCLE BAR MOWERS
IHC Fast Hitch 7'
IHC 200 7' Semi Mount
Cub 5' Mounted
TOM WHEARY
Lancaster, PA
717-687-0102

Cub Low Boy w/fast hitch and snow blade, $2,750.
CUB ATTACHMENTS
Front End Loader, F/H Transplanter, Snow Blower, Sickle bar mower, cultivators, snow plow, dirt plows. 717-687-0102.

3 PTH EQUIPMENT
Mott 6' Flail Mower
Ford 5' rotary mower
Ford 7' disc
Lely spin spreader
6' scraper blade
Ford 2 row cultivator
Ford 2B 12" Plow
TOM WHEARY
Lancaster, PA.
717-687-0102

JD 4430 Quad range 4 post roll guard, good condition, $9,800. 717-354-0281.

NI 323 corn picker, pick 300 acres, $3,300; Behlen 916 & 1205 bushel wire corn cribs, like new, $500 & $700. Bucks Co. 215-847-2619.

For Sale - Deutz F2L912, 2 cylinder diesel engine, in good condition. 215-383-6818.

JD 2510 gas, new tires, real nice. Only $3,900. 717-264-1154.

JD 3020 diesel, WF, weights, completely overhauled, nice original paint, $5,900. 717-264-1154.

Brillion 8' Packer Seeder
JD 2 Row potato digger
Oliver 2 R potato digger
Ontario Hoe Drill
NH 24' Corn/Hay Elev.
NH Corn Drag
25' Transport Sprayer
TOM WHEARY
Lancaster, PA.
717-687-0102

New Idea 2 row corn picker, wide row 12 roll husking bed, like new, $7,000. 717-566-8727 or 607-286-9811.

Roskamp roller mixer, portable with scales and ear corn head. Model 100 used for 50 tons. Phone 717-626-2680.

For Sale - Vermeer twin 6 bar hydraulic drive hay rake with rubber mounted teeth. Brand new. List $7,850. Straight sale, $5,700. Bence's Farm Equipment 814-623-8601.

For Sale - JD BWA 12'6" transport disk 22" cone disks in good condition. 717-225-4443

Backhoe attachment. Davis manufactured will fit model L-35 New Holland Skid Steer Loader or adapt to your tractor or loader. Good condition, $2,400. 717-537-6258.

For Sale - New Idea wide row corn picker with super sheller; International wide row 650 harvester with screen and grass head, John Deere 30 combine. Ralph T. Forsht, Blair County, R.D. 3, Box FF, Duncansville, PA. 814-695-2640.

Allis Chalmers WD45 with New Idea Picker #305. Franklin Co. Phone 717-352-3213.

FOR SALE - Chester white & spotted boars and gilts and a few bred gilts. 717-862-3610.

STORAGE TRAILERS FOR RENT - 40 ft. nice, available immediately, delivered. Office trailers also available. 301-771-4529.

We are opening our warehouse to farmers. 8x10 tarps, $5.25, plus other sizes, come -alongs, $6.50, 11 pc. wrench sets $5.90, 21 pc. ¾ drive socket sets, $32.00, plus large selection of tools. We have volume discounts and will wholesale. Open Tues. evening 5 to 8, Wed. 9 to 5. Adams County Exchange, Rt. 194 between Abbottstown and East Berlin. Call 717-292-4693 or 259-7561.

Cat 977 Crawler Loader, engine rebuilt, good tracks, new brakes, G.P. Bucket w/teeth, $7,750. R200 Int. Dump Truck single axle, 5 & 2, air brakes, $2,100. 1963 GMC tow truck V-6, 5 & 2 air brakes, $1,250. Ron Coover, Shippensburg, PA. 717-532-6540.

Bean pump 6-50, 600 gal. tank, 50 GPM, Wisconsin engine, hose, hose reel and gun. Pump and gun newly rebuilt, $3,500. 215-395-9510 or 398-3250.

NI 702 diesel Uni tractor Also 710 combine, 727 picker, 760 chopper with heads, 725 3 row narrow piker head. Also 2 row wide head. Will Separate. 304-263-9801.

FMC tomato harvester model 67; 75 Gleaner L combine, 6 row corn head and grain head, good condition. 301-778-5836.

For Sale - Vermeer round balers. used 504-C and 605-F; NH haybines, #460 and #479; AC 66 combine. 412-423-4076.

JD 720 Diesel, fender, dual hydraulic, 3 pt. hitch, NF, new rubber, top shape, $4500; JD 70 Diesel, new crankshaft, flywheel, radiator, good condition, $1850; MM 4 bottom semi-mount plow, $900. Heavy V blade snow plow, $300; 9' straight snow plow. 814-674-8714.

Wanted - Metal nests, large hole. Prefer front roll-a-way. Also round Israeli automatic waterers. Contact Parks Farms, R.D. 4, Box 118, Altoona, PA. 16601 or phone 814-943-3708.

For Sale- ST100 Forage Mixer, excellent condition, w/motor and scales. Bedford County. 814-847-2745.

Rebuilt Wisconsin Engines, (1) VG4D for haybine (2) VH4D for skid loaders. Also VE4 and VF4D. All engines also available w/clutch or clutch reduction and guaranteed. Beiler Engine Service, R.D. #1, New Providence, PA. 17560.

Resettling Sale - Smedley steer self feeder; IH forage harvester, Gehl silo blower, JD flail chopper, auger trailer, elevator drag section, barrel cradle, 2 hole corn sheller (2), feed troughs, 10" chain saw, galvanized gates, woven wire and snow fence, wire mink cages, wood and steel posts. Chester Co. 215-857-2497.

Antique 28-50 Hart-Parr tractor, half canopy, restored. Menno Swarey, 15632 Mt. Green Road, Spring Run, PA. 17262.

JD 2840 hi-low, nice, $6900. 717-264-1154.

JD 4430, cab, power shift, new tires, extra sharp, $13,900. 717-264-1154.

JD 95 Combine, cab, 15 ft. platform, field ready, runs nice, $1,500. 717-264-1154.

JD 2040, new style, 700 hrs., like brand new, $8900. 717-264-1154.

JD 4320, side console, dual hyd., diff. lock, new paint, low original hours, sharp, $8900. 717-264-1154.

JD 7700 Combine, 643 cornhead, 16 ft. platform, monitor chopper, wts., field ready, sharp, $17,900. 717-264-1154.

For Sale - Large Bearcat brinder-mixer, new condition, best offer. Adams County. Call 717-334-1501.

Wanted - Massey Ferguson tool bar corn planter 2 or 4 row 3 point usable or for parts. Berks. 215-678-5461 after 6 PM.

For Sale - Generator 4 cylinder, O'Keefe Merritt model N15, 15 KW, 220/127 volts, 3 phase 4 wire, 49.2 amps per leg, $650 or best offer. 215-542-7980 or 215-646-9057.

Dual post car lifts in good condition, $600, complete units. 215-542-7980 or 215-646-9057.

FOR SALE - (1) 5 ton Oliver farm wagon, rubber tired, excellent condition. $400 or best offer. Lloyd Nipple. 717-444-3925.

For Sale - NH 2 row wide snapper head, like new condition. Fits NH 890 and 892 harvesters. Bedford Co. 814-733-4183.

For Sale - Used JD 34 forage harvester with 1 row corn head. Phone 717-463-3270.

1 Used Moridge grain dryer, model 400 with conveyor. 400 bushel capacity. Natural gas or propane. Dried approx. 1600 bushels. Stored inside, $6,500. 814-365-5012.

McCormick PTO corn binder with decals, excellent condition, $950 Also NI 323 corn pickers. Jacob M. Fisher, 3230 East Gordon Rd., Gordonville, PA. 17529.

FOR SALE - JD Late Model 3800 Harvester - 3 row - 30 inch head, All Electric Controls, Excellent Condition, $8,000.00; Three JD Self Unloading Wagons, Two-216 & One 115; JD 750 Grinder Mixer, Like New, $6,000.00; JD 510 Rol Baler, Excellent, $6,000.00. 717-573-2837

FOR SALE - 20' Tobacco ladders in good condition, $35. Aaron J. Glick. 1 mile North Bird-in-Hand.

Ford 9000 Louisville w/24' Super 15 Groves roll back, Detroit diesel, air, steering & brakes. Truck ready to roll, $17,500. Fred Goodrich. 607-642-8688.

For Sale - McCormick Deering corn binder w/t/o take off on rubber, in good shape, $450. 717-757-3491.

JD 34 corn harvester, 1 row, excellent; Oliver & IH 8-16-24 disc grain drills; Gravity flow bin and wagon; AC tractors - 7020, 190, 185; MH 44; Oliver 66; AC gleaner E combine; AC tractor parts. 717-733-8708.

Bobcat M371 skid steer loader with three buckets, $3,250 or best offer. 717-244-3814.

For Sale - JD 2030 w/canopy, 1 owner, 2200 hrs., good condition; Also rear tractor tires, 16.9x34 radial, 75% rubber. Lancaster County. 215-445-6311.

JD 4010 gas tractor, very good condition, $3,800. 717-532-7054.

CA Allis Chalmers Tractor, sickle bar, Belly Woods mower, 2 bottom plow, manure loader, $2,100 or best offer. 717-244-3814.

JD LA tractor with plow and cultivator. Needs motor work, $500. Also JD H tractor with starter and lights, $800 or best offer. Call evenings. 201-359-5934.

Grain Bin, 21' x 7' ring w/aeration fan, must be disassembled; Gas fired grain dryer, 250 bushel, combination batch and or continuous flow, PTO driven. This equipment must be sold, all reasonable offers will be considered. Call evenings 609-737-2180.

Farmall 300 Parts For Sale. No checks. Wayne Co. 717-937-4558.

Tires - 13.6x28 for 12 rims. Turf Knobby tread with oood tubes, $150/pair. 717-398-4785.

For Sale - Horse drawn equipment. Wagon frames, sleds, potato digger, sulky cultivator, etc. Call 814-274-7433 after 5 PM weekdays or 717-398-1168 weekends.

International 1460 combine with flotation tires. All wheel drive with 17.5', 810 H.C. flotation head; D.J. grain loss monitor; AC 440 4x4 with duals, manufactured by Steiger; International 4100, 4x4; International 806 D with duals; AC 3400 - 22 flex wing disc with buster bar; International 485, 21" wing disc; International 720-7-18" on land automatic plow; Bradley 14" chisel plow; Brillion 25" wing cultimulcher; Waldron 2 implement hitch; International 510, 24-6" drill, Ease flow bulk spinner spreader; JD Killiser subsoiler, 3 shank; Oliver 540, 8 row, 18" no-till planter. All in good condition. Call after 7 PM. Phone 609-448-1161.

AC D21 Tractor with 7' bottom plow; AC F combine 1974, 13" grain head with generation 3 floating cutter bar; IH model 58 8 row planter; 4 row cultivator for AC tractor back mounted; Farm Fan model 350 batch grain dryer, 609-259-3733.

For Sale - 1983 JD model 8300 grain drill; 1981 JD Pull Type 12' chisel plow; 1978 Farmfan batch grain dryer with bins and augers; 1970 Owatana haybine. All in good condition. Must sell. Call 717-273-5231 or 717-273-6748.

For Sale - Troyer high speed potato grader. 717-367-2633.

Cat D9G Dozer w/ripper, very good condition. 717-933-5734.

8' self contained cinder or fertilizer spreader; IHC 125C Crawler/Loader; Ford 550 Backhoe/Loader. 717-933-5734.

Ford 4500 Backhoe/Loader; Davis Walk-behind Trencher. 717-933-5734.

JD 494 corn planter with disc openers. 301-833-1847.

MF 65 diesel, excellent condition. 814-793-4293.

Oliver 1955 cab and air. 814-793-4293.

Oliver 1755 diesel, 3 speed over and under, dual hydraulics. 814-793-4293.

For Sale - Cat D9G Dozer w/Ripper; 8' Spreader Box; JD 450 Crawler/Loader. 717-933-5734.

MF 510 diesel combine, 4 row, 30", 15' grain, new rubber & motor, sealed ready. North Cumberland Co. 717-648-0027.

4000 Ford Tractor, SU; 801 Ford Tractor. 609-561-2332.

For Sale - New and used Vent-O-Matic fans and parts. truck bed with hoist; 7½ HP air compressor, Used heat reclaimer; new magnetic MNR to prevent and eliminate scale buildup in pipe fixtures Columbian cookstove parts. Lancaster County. Paul Heistand, 717-426-3286.

1 only 880 Schwartz mixer feeder wagon, 285 cu. ft. - 235 bushel capacity. Digital scales complete, $364 per month. 60 months. 717-792-2674 Cash price, $15,990.

For Sale - JD 35 Harvester w/1 row corn head; JD 307 Gyramore 6' pull type, excellent condition. 717-665-4329.

For Sale - 1981 International F-886 factory cab, air, stereo, radio and CB 18.8x38 tires, 600 hours, like new condition. Also International 820 flex grain head, 15' good condition. 215-869-9294 after 6 PM. Chester Co.

For Sale - International 234 (2) two row mounted corn picker, very nice cond., always stored inside, $1,250.00. JD 3020-D, 2025 hrs., power shift, narrow front, like new tires, dual hydraulic outlets, $7,000., negotiable. York County. 717-225-1770 day or night.

Ford 8600, duals, cab, air, twin outlets, $8,500. 301-833-9091.

NH 371 tank spreader, tandem axle, good condition, $3,000. Berks Co. 717-933-5771.

For Sale - 560 Farmall Tractor, $2,000. 717-442-8020.

For Sale - JD 4 row, 3 pt hookup cultivator, $1,200. 215-593-5345

21' fold up harrow, good condition, $1,200. Stump Acres. 717-792-3216 York Co.

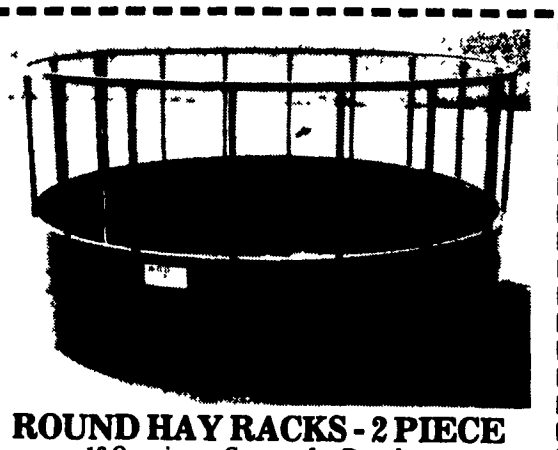
FOR SALE-1 24,000 bushel bin; 1 16,000 bushel bin; 1 18,000 bushel bin; 1 Ideal dirt bin, 1 AS 600 Super B grain dryer - 3 phase; 1 Mo[illegible] 3000 MD bucket elevator with cleaner; 3 phase converter; 1978-79 John Deere 6600 Sidehill Combine 1500 hrs. 6 row narrow corn head, 15' grain head. 717-286-6411 or 717-286-0215.

10 h.p. Mix Mill and Blender, 1 yr. old, excellent condition, good price. 717-637-0192.

New Stoltzfus 5 ton lime spreader mounted on extra heavy duty military type tandem carrier. Spin spreaders are hydraulically controlled for more uniform coverage. Built for coal reclamation work, but never used, $6,500. 717-328-5520.

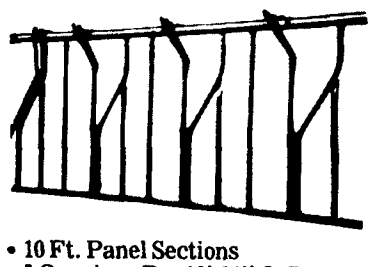
LANCASTER SILO CO., INC.

2008 Horseshoe Rd., Lancaster, Pa. 17601
"LANCASTER" CONCRETE STAVE FARM SILOS

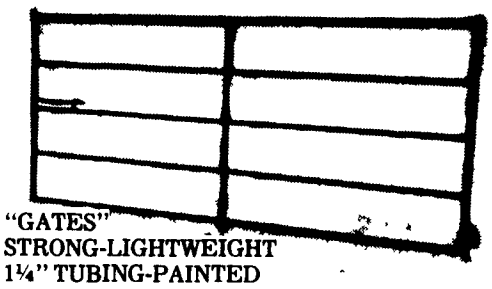


ROUND HAY RACKS - 2 PIECE
18 Openings - Can use for Regular or Large Bale **$149.00**

"LANCASTER"
SURE-LOCK CATTLE PANEL



- 10 Ft. Panel Sections
- 5 Openings Per 10'-24" O.C.
- Painted Steel
- Individually or Complete Catch Operated **$162.00** per 10' section



"GATES"
STRONG-LIGHTWEIGHT
1¼" TUBING-PAINTED

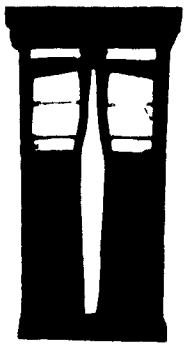
Gates w/Latch & Hinge

8 ft.	ea. $55.00
10 ft.	ea. $60.00
12 ft.	ea. $65.00
14 ft.	ea. $70.00
16 ft.	ea. $75.00

IN STOCK

10% CASH DISCOUNT ON ABOVE ITEMS

"LANCASTER"
CATTLE HEAD GATE



- Sure Lock
- Portable
- Adjustable
- One Man Operates
- Painted Steel & Pipe

$269.00 each

LANCASTER SILO CAN DELIVER AND ERECT SILOS IMMEDIATELY!! WE HAVE A PRICE THAT IS RIGHT AND THE CORRECT SIZE FOR YOUR NEEDS. WHY PAY THESE HIGH HAY PRICES – HAVE ENOUGH STORAGE FOR YOUR HAYLAGE AND CORN SILAGE INSTEAD OF BUYING IT FROM SOMEONE ELSE.

PHONE 717-299-3721 – OPEN DAILY – 7 A.M. to 4 P.M.
Larry Hiestand - Sales 717-273-7394 Evenings

Umberger's Of Fontana

RD 4, Lebanon, PA (Fontana)
717-867-5161 or 717-867-2613
Mon.-Thurs.-7:30-5:00;
Fri.-7:30-8:00; Sat.-7:30-4:00

NEW ITEMS

(1) NI Uni Tractor
NI 717 Combine
868 NI Forage Harvester

SEE US FOR ALL YOUR UNI NEEDS

USED UNI EQUIPMENT

708 Uni w/Cab & Air 4WD, 750 hrs.
702 Diesel Uni Tractor w/Cab, Completely Reconditioned, New Paint
702 Diesel w/Cab
701 Uni Tractor w/Cab
(2) 767 Super Choppers
(1) 763 3 Row Narrow Corn Head
(2) 760 Forage Harvesters
(1) High Moisture Adapter Bundle for 767 Super Chopper
744 N 4 Row Narrow Stripper Plate Head
844 N 4 Row Narrow Stripper Plate Head
717 Combine w/Straw Spreader & Hydraulic Auger Fold Out
(2) 713 S Grain Platforms
Model 730 4 Row Wide Snapper Head
(2) 725 3 Row Narrow Stripper Plate Head
729 A Sheller
729 Sheller
723 2 Row Wide Stripper Plate Head
(3) 766 6' Hay Pickup

USED EQUIPMENT

IH 403 Combine w/Cab & 3 RN Cornhead
Gehl & JD 6' Flail Choppers
Gehl MX 135 Grinder Mixer w/Digital Scales, 1 yr. old
Gehl 3510 Demo Skid Steer Loader
Hyd. End Gate for 218-224 NI Spreader
Kill Bros. Model 375 (280 Bushel Gravity Bin)
Husky PTO 8' Trailer Manure Pump
Good Selection of Used Blowers

USED HARVESTERS

Gehl CB 600 w/2RN Corn Head
(2) Gehl CA 670 1 Row Rotary Corn Head
NH 770 w/Elec. Controls w/2 RN Corn Head
Fox Model 546 w/1 Row Corn Head
Hesston 7655 Side Dump w/3306 Cat D, Just Overhauled, w/3 Row Snapper Head & 6' Hay Pickup
(2) Uni Super Choppers

Grasshopper 18 HP Twin Cylinder Hyd. Drive Lawn Mower w/52" Mower Deck & Vacuum Attachment, 2 Years Old

USED PICKERS

(2) NI 323 1 Row Corn Head
(1) 325, 327 2 RN 12' Roll Bed
(1) 324, 314 2 RW w/Sheller
(2) 324, 327 2 RW 12' Roll Bed
(1) 2 Row Mounted 12' Roll Bed
(1) Oliver #5
(1) Super Sheller 329
(1) NI #7

Brillion SST 1201 10' Alfalfa Seeder

USED EQUIPMENT
Fox 3000 Harvester
NI 5 Wheel rake
NH 1495 haybine
JD 336 Baler, Excel. condition
IH Cub Plow & Cultivator
NH #518 Manure Spreader
NI #224 Spreader
NI #245 Spreader
NH 358 Grinder Mixer w/scales like new
IH 1150 Grinder Mixer w/scales like new
14' Cultimulcher, Like new
Super A Farmall

USED TRACTORS
AC 6080
AC 220
Case 2290, like new
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT AT USED PRICES
Many Models New Holland Spreaders

NEW EQUIPMENT
18'6" Amco Disc
Bale Queen Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner Combines

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
717-867-2211

IH 1466 cab and air, dual hydraulics, like new. 814-793-4293.

Minneapolis Moline G900 Diesel, orignal paint, like new 814-793-4293.

JD 4010 Diesel, wide front, excellent condition. 814-793-4293.

JD 4230, 4 post roll-guard, dual outlets, excellent. 814-793-4293.

1982 GMC pickup truck, ¾ ton, 4x4, auto., sharp, $7,200
Int. 684 diesel w/cab, nice, $7,500
Int. 140 tractor w/cultivator, $2,550
MF 275 diesel, $6,500
9-N Ford, 3 pt., $1,250
Oliver 1750 diesel, 3 speed, $4,300
NH 707, 3 pt. harvester, $800
NH 27 blower, $650
NH 268 baler w/thrower, $1,200
NH Super 717 harvester, 1 row, $1,250
NH 880 harvester, 2 row wide row, $550
NI 323 corn picker, $2,000
JD 35 harvester, 1 row, $1,200
Gehl 99 high throw blower, like new $1,200
Hesston 2000-150 harvester w/2 row White corn head, $1,800
Grimm Tedder, $550

Horning's Farm Machinery
Ephrata, PA
717-733-7408

JD 4020 side console real clean, low hours 814-793-4293.

JD 730 diesel, electric start, wide front, 3 pt. 814-793-4293

Oliver 1850 diesel, dual hydraulics, wide front, 814-793-4293.

IH 1066 cab, dual outlets, 3 pt. 814-793-4293.

MF 1100 diesel dual hydraulics, 38" rubber, 814-793-4293.

Oliver 1750 w/3 speed over and under year round cab. 814-793-4293.

Ford Tractors Equipment · AMCO NEW IDEA · Hesston · WHITE FARM EQUIPMENT

USED EQUIPMENT

Ford 9600 Tractor
Ford CL40 Skid Loader
Oliver 1850 Diesel
IH 56 4R Planter
Amco Terrace Disk
Ford #101 3 x 14 Plow (Excell)
MF 3B 14" Mtd Plow
NI 109 Fertz Spreader
Noble 25' Field Cultivator
Hesston 1014 Windrower
MM 3496 Combine, Cab, 2R Head, 12' Grain Head
White 8600 Combine, Dsl Hydro, Air
Ford 6000 Diesel
NI 709 Uni 4WD w/838 Husk Unit
1068 Haybuster No-Till Drill (Demo)
Fox 728 2R Corn Head
Ford 1 Row Mtd Picker
Better Bilt 1100 Gal Liquid Spreader
1 Row 3 Pt Holland Transplanter
MF 1200 Lawn & Garden Tractor w/Mower

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

Used 5 ton center mount hydraulic truck crane. Boom is telescopic and reaches from 15-25 feet. Unit has right and left controls and includes outriggers, $1,500. 717-328-5520.

Used 12 ton 20' Dorsey trailer. Unit includes fifth wheel dolly and was previously used for hauling sheet rock. Ideal for fertilizer or other heavy loads. 10:00x20 tires, $2,200. 717-328-5520.

For Sale - Sheet rock fork for Prentice loader, new pads, $1,000. 717-328-5520.

Snowco grain auger, 40'x6" PTO driven with extra tubing and auger parts to expand to 55 feet; 2 Radson moisture testers. 215-666-5410 after 6 PM.

IH 1086 tractor, cab, dual 18.4x38 wheels, 1400 hrs., excellent condition. Call evenings. 301-758-2930.

Massey Ferguson 175 diesel, late model, good condition. 814-793-4293.

International 1466 with red cab, $9,500 814-793-4293.

International 856, dual hydraulics, original paint, excellent condition. 814-793-4293.

For Sale - JD 2840, dual hydraulics. 814-793-4293.

JD 4320, 38" rubber, dual hydraulics, excellent condition. 814-793-4293.

D4D Caterpillar, excellent condition. 814-793-4293.

FOR SALE - MC PTO corn binder, good shape, rebuilt long loader; Gehl CB 600 harvester, nice, 5' roto beater, Wisc 38 HP engine, 35 ton iron worker w/14" blades, cuts ½"x6" or 3/16"x12". Sam K. Zook, Box 89, Kirkwood, PA.

1972 wheel loader, Hough 65-C, good condition. Asking $16,000. Call 215-377-0579.

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

Chisholm - Ryder snap bean harvesters, all machines complete w/hyd. dump boxes, recond. and painted, 609-769-3183.

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

Crawler Tractor Parts.
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.
Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders.
Call or write for equipment & parts brochure.
VILSMEIER EQUIPMENT INC.
Route 309
Montgomeryville, PA., 18936
Phone: 215-699-3533

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales & Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

For Sale: Bale Thrower Wagons - Steel or Wood. Will fit sides onto your flatbed. Also Available: Flatbed Wagons.
STOLTZFUS WOODWORK
Rt. 2, Gap, PA. 17527
(717) 442-8972

Oliver 1850 diesel, dual hydraulics, wide front 814-793-4293.

JD 4020 power shift, dual hydraulics 814-793-4293.

IH 1568, low hours, rops, twin outlets, $8,000. 301-833-9091.

JD 4030, Quad range, good condition, $9,000. FLASH OFFER. 301-833-9091.

JD 300 loader tractor, gas, L PTO, 3 pt., $5,000 FLASH OFFER. 301-833-9091.

JD 4000 1972 Model, WF, rops, $8,500. 301-833-9091.

FOR SALE - MF 421 corn head, completely reconditioned two years ago, excellent condition. Schuylkill Co. 717-648-7998 after 8 PM.

JD model 146 Loader, excellent condition, $2,200. 717-532-7054.

FOR SALE - 1984 Honda Big Red, new condition. 717-426-3135.

FOR SALE - Ressler 40 double chain feed conveyor. 717-426-3135.

Potato equipment: Harvester graders, belt elevator, belt conveyor, 8 ton bulk body on truck. 717-354-8230 or 354-0195.

For Sale - 1976 JD 4230 diesel, cab, air, heater, radio, dual hydraulics, 2,200 hours in good condition, $12,500 Phone 717-532-8601.

510 IH grain drill, 6x24 double disc liquid fertilizer, very good condition. 717-464-3688.

For Sale - 1982 JD 3140, same as 2940. 90 HP cab, heat and air. 1,600 hours, like new. Phone 717-532-8601.

For Sale - JD 3020 wide front end diesel tractor, power shift transmission, $4,600. Phone 717-532-8601.

Used Equipment - 2416 Economy Tractor, Less Than 100 Hours, $2,995; Sauder Snow Blade, $495; 3 pt. 7-ft. Disk, $295; 3 pt. 7-ft. Tiller, $295; 2-Bottom Oliver Trip Plow, $325. Call (Dlr.) 717-949-6817.

FOR SALE - Case 1976 Model 1570 tractor 180 horse power w/cab & air conditioning, 30.5x32 rear tires, dual hydraulics, good condition, $18,500. Poniatowski Bros., Flemington, NJ. 201-782-3514. 7:30 AM - 5 PM. Mon.-Fri.

FOR SALE - IH 303 combine grain & corn head, make offer; Case 930 tractor w/cab, fresh overhaul, $5,600; 1974 IH 1 ton van body truck, make offer. Call between 7 and 5. Ask for Marty. 301-739-4220.

FOR SALE - New Holland 351 Grinder Mixer, good condition. Phone 215-273-3698.

NI 202 manure spreader, good condition, PTO w/mechanical end gate, $950. 717-548-2272.

FOR SALE - Haybuster Model 1068, no-till drill, will work in heavy trash, like new, $4,900. Call Sheaffer evenings. 301-758-1497.

NOTICE HORSE FARMERS - Nice size gravity boxes for teams w/whell to open slide, $395 Order now for fall. Also, semi & liquid manure spreaders, improved drive, even spreading. Prices from $1,695. Guaranteed 1 year. Elam M. Stoltzfus, RD 1, Box 210, Amish Road, Kinzers, PA. 17535.

For Sale - NI Corn head 744-W, very good. S.S. knives, cedar house available. 717-637-2251 day or 637-5270 nights.

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

Used Farm Tractor Parts, Large Selection. Wenger's 717-866-2135.

GUNTHER HEUSSMAN INC.

SO. 5TH ST., EMMAUS, PA. 18049 — 215-965-5203

Call John Bolton or Gunther

QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS
JD 4440 Diesel Cab, Air, Quad Range SOLD
JD 4430 Cab, Air, Quad Range, 1976 2600 hrs., very nice
JD 4230 Diesel Cab & Air 76 Model
JD 4240 Diesel Cab, Air, Quad, very nice
JD 4320 Dsl. Cab & Air, 2700 hrs., excel. cond.
JD 4020 Dsl. w/Cab, PS, Side Console
JD 4020 Dsl., WF, Dual Hydraulic
JD 2630 Dsl.
JD 2440 500 hrs., High Low Independent PTO, 3 cylinder
JD 830 Dsl. 3 cylinder
JD 730 Diesel, WF & Fenders
JD 630 3 pt., Very Good
IH 1466 Dsl. w/Cab & Air, very nice
IH 1086 D Cab & Air, 2200 Hrs., Very Nice
IH 986 Dsl., Cab & Air, 1800 hrs., very nice
IH 1066 Dsl. Cab, Air, Black Stripe
IH 886 Dsl. Cab & Air, 1100 Hrs., Very Nice
IH 674 Dsl. 1900 hrs.
IH 584 Dsl. SOLD 2250 QT 1000 hrs., excellent condition
Case 1194 (New, Special $9800)
AC 5040 Dsl., 550 hrs.
Ford 5000 Dsl. 8 Speed w/Loader
Bobcat Skid Loader

HAY EQUIPMENT
JD 346 Twine Baler w/Thrower, like new
JD 336 Twine Baler w/wagon hitch
JD 336 Twine Baler w/thrower
MF 120 T Baler w/thrower
NI 279 9' Cut/ditioner
NH 310 Baler w/thrower
Fahr 16' Hay Tedder

PLOWS
JD 4 & 5 Base Semi Mtd.
IH 710 5x20 Spring Reset
IH 720 5x16 Spring Reset
JD 2500 5x18 Spring Reset w/onland hitch
JD 2500 5x18 Hydraulic Reset

DISCS
White 271 hyd fold 18'
JD BWF 18' Wing Fold Rock Flex
JD TWA 11' Heavy duty disc
JD 4000 Double Offset 12'
JD KBA 10'
JD AW 10' & 12'6", very good
Kewanee 18' Hydraulic wing fold, very good
Dunham 12' Roller Harrow, Very Good

GRAIN DRILLS
JD FBB 17x7 Double Disc
JD B 16x8 Double Disc Grass Seed, very good
IH 510 7x18 Double Disc Grain Fert.
IH #10 13x7 DD grass seed and fertz.

CORN HEADS
AC KL 238, FG 430
MF 24, 33, 43, 44
JD 243, 244, 343, 443, 444, 643, 843, like new
JD 454 Row Crop SOLD ead

CORN PICKERS
JD 300 2 or 3 RN or 2 RW
NI 324 2 row wide w/12 roll bed, Excel.
NI 324 2 row wide w/Super Sheller, like new
JD A Tractor w/2 row mounted

6500 Bale Wire $36.50 per box

Farm Bilt, 8x18 Bale Wagons, 8 Ton Gear, 11 L Tires $1850

GRINDER-MIXERS
JD 400, very nice
Gehl 65, excellent
NH 355, very nice
NH 353 Like New
NH 352, very nice

HARVESTERS
NH Super 717 w/2R corn head, very good
JD 35 w/540 PTO 1 or 2 row head

MISCELLANEOUS EQUIPMENT
NI 312 Bushel Tandem Axle Manure Spreader
NH 2 RW & N Corn Heads to fit 717, 770, 880 & 890 Harvesters
JD 88 scraper blade (new)
JD 3 pt. 18' Hydraulic Wing Fold Field Cult.
JD 45 & 55 Quick Tach Feeder Houses, very good
Servis 12' Rotary Mower
20x38-18x38-15.5x5x38-18x34 Duals
Good Year 30-5L-32 Tires & Whl., like new
Nemeyer TE 350 12' Power Harrow, like new
GT 570 1975 500 bushel Batch Dryer

COMBINES
1977 JD 6600 D Cab & Air, 1200 hrs., excel. condition
1978 Gleaner F2 Dsl., cab & air, chopper, monitor, 13' grain table, very good
1978 JD 6600 Side Hill, Hydro, Cab & Air, Excellent Condition
1978 JD 4400 Dsl. Cab & Air, 900 hrs.
1974 JD 3300 gas w/cab, choice of heads
1971 JD 7700 Dsl., Cab & Air, 15' Platform
1976 JD 4400 Dsl., Cab & Air, Choice Heads
MF 300 Cab 13' Quick Tatch Platform, Pickup Reel & 24 2 Row Corn Head
1977 JD 7700 turbo dsl, cab & air, elec. header control, very good
1975 JD 4400 Diesel, Cab & Air, 1250 hrs. SOLD very good
1976 JD 3300 dsl., cab & air, choice of hds.
1967 JD 45 w/cab & grain platform
1973 JD 4400 gas, cab, grain platform
IH 1440 Axle Flow w/Cab & Air, Monitor, 750 hrs., excel.
1978 IH 715 dsl., hydrostat cab & air, very nice
JD 213 Flex Grain SOLD rm
IH 820 15' Flex Grain Head

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

Onan four cylinder generator, 110 AC, 24 volts DC, 4000 watts, electric start, excellent condition. Asking $1,200 or best offer. 717-799-5778.

Fairbanks Morris "Hit and Miss" Engine, solid balance wheel, 2 horse power, runs well, $1,200 717-799-5778.

NEW DELAVAL MILKERS, $445 DeLaval, Boumatic, Westfalia milk pails, $175. See our Display Ad in Dairy Equipment Section. Emmanuel S. Zook, Kinzers.

John Deere 4400 combine 13 ft. grain, 875 hrs 717-386-4492.

For Sale - Vermeer round baler, used 605-A with outside belts in good shape, $2,500. 412-445-2084

Single row snapper head for 770 New Holland harvester, excellent condition, $900.00. Huntingdon Co. 814-669-9360.

Case 1070 D, 970 D, Farmall M, narrow row C3600 Chopper 2 row, NI corn picker, 2 160 bu. slider wagons, 35' Century sprayer, Ontario grain drill, 10 KW generator, 4WD F250 pickup. No reasonable offers refused. 609-298-9289 after 5 PM.

MF 410 Gas combine, 4 row 38" 13' grain. No Cab, $6,250. Wash. Co., MD. 301-432-8701.

CORN PICKER FOR SALE - IH 1 PR in working condition. Also, 6 row 2 barrell crop sprayer. Call morning or evenings. 215-679-8921. Lehigh Co.

JD 14T Baler, good running condition, $400; AC 80R sickle bar mower, $300; NI hay rake - parts or use $50. 301-836-7092.

Carnell silo unloader, like new; NI corn picker, mounted, used; NH silo blower, like new. 215-258-4979.

(1) Model #5 Oliver corn picker, 1 row, $750 Chester Co 215-793-1345.

NH 273 baler with 54A kicker, excellent, $2,000 301-734-4131

FOR SALE - Hydraulic dump wagon Ideal for tomatoes and other vegetables. 717-653-5359 or 717-426-3135 after 6 PM.

McDeering & JD ground drive corn binders; NI #10-A spreader (like new); Papec Model L silage cutter, Gideon Stoltzfus, RD 1, Blain, PA.

Massey 510 combine, 300 hours total time Grain head, narrow corn head, Scour cleaner, $22,900; Grain dryer, 375 bushel, $4,500. Call 814-674-8756.

KVA-15 15,000 Watts, 62.5 amps, 120-240 volts, single phase, Onan generator. 215-689-5377

JD 30 combine, PTO, bin, $550; JD manure spreader, $200. Phone 717-927-6859. York Co.

FOR SALE - #30 JD potato digger Lock Wood mark 6 potato harvester; 2 14' bulk wagons. Lehigh Co. 215-799-3490.

SUPER SPECIAL OF THE WEEK

AC 5020 21 HP DIESEL
CALL FOR OUR SUPER PRICE

New AC 6080 2WD w/Rops
Model 6140, 6060, 6080, 8010, 8030

USED EQUIPMENT

Model 7020, PS tractor
7060 PS with cab
Mott 6' flail mower
Wilbeck 7 shank chisel plow
NI model 318, 240 corn picker
Swartz model 750 mix wagon
IH 1300, 7', 3 pt. hitch mower, new condition
AC 4 bottom SC plow
Used E-3 330 corn head, excellent condition
729 A New Idea Sheller Attachment
AC Model F Combine w/438 Corn Head and Grain Head

FALL CLEARANCE ON WOODS MOWERS

B. EQUIP. INC.
8422 Wayne Highway
Waynesboro, Pa. 17268
717-762-3193

USED EQUIPMENT

Skid Loaders:
Case 1816
Case 1830
4400 Gehl
Owatonna 1700
Case 1537
Bobcat Model 371
Forage Boxes:
(2) I-H
Kasten
Badger
JD Forage Harvester Model 35
Gehl 99 Blower
5' Rotary Mower, $495
Gehl 95 Mixer
NI Wide Row Corn Picker
10' Bush Hog Mower
JD Loader Universal Fit

NEW EQUIPMENT SPECIALS

Bush Hog:
9 shank Soil Hog $5795
3 pt. 8' Chisel $1875
Glenco:
3 pt. 5' Chisel $1095
12½' Field Cult. $2395
7 shank Soil Saver $5795
Hay Equipment
Vicon wheel rakes 4 & 5 wheel, 3 pt.; 6 wheel pull type; V style 8 wheel
Vicon Disk/ Conditioner
Gehl 1250 Harvester
Gehl 99 Blowers
Gehl 7200 Flail Mower
Gehl 750 Harvester
Gehl 1580 Blower
Gehl 960 Forage Box
Gehl 3510 Skid Loader
Gehl 4510 Skid Loader
MF 44 Corn Head (Call for special price)

USED TRACTORS

AC 185
AC D14
AC 170
Ford Tractor w/Loader
MM U302
AC 7040 Cab P.B.
AC 6060
MF 285

Peterman Farm Equipment
717-249-5338 or 249-2150
Farm & Lawn Equipment - Chain Saws
225 York Road
Carlisle, PA 17013

Badger · JOHN DEERE · HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS
JD 2240 w/Loader
MF 265 Diesel
AC 190XT New Engine
IH Cub w/Mort Mower w/Plow
JD Cyclone B

HAY & FORAGE
Gehl 9' Mower Cond
640 JD Rake
JD 214 Baler
NH 717 w/2 Row Head
NH 707 3 pt w/2 Heads
NH 880 No Heads

CORN PLANTERS
JD 7000 Wide Row Nice
JD 7000 Narrow Row
JD 1240 Plate Planter
JD 494A Planter
IH 3 pt Planter
JD 290 Planter

TILLAGE
JD AW 12' Disk
JD RWA 10' Disk
IH 370 11'5 Disk
3 pt Ford Disk
JD 325 - 3 Btm Plow

Super Special
Badger 220 BU Spreader
$4895.00

NEW EQUIPMENT SPECIAL

Moore 10' No-Till Drill $10,500.00
JD 1710 Mulch Tiller $4,995.00
Taylor 7 Shank Chisel Plow $1500.00
JD 235 19' Ford Disk $10,995.00
Landoll 7 Shank Soilmaster $5,150.00
GT 370 Dryer $7,500.00

PIKEVILLE EQUIPMENT, INC.
R.D. 2, Oley, PA
Phone: 215-987-6277
Berks County's Full Line John Deere Dealer-
Serving The Oley Valley 48 years 1936-1984

FAIR WEEK SPECIALS!

JOHN DEERE 4020
With Power Shift, Partial Cab, Plus Turbo; Nice Clean Tractor
Fair Special $10,600

MF 260 FORAGE HARVESTER
Excellent Condition, 1,000 RPM Shaft, With 2-Row Cornhead
Cash Price $2,895

MYERS FORAGE WAGON
Roof, 3rd Beater, Tandem Axle Running Gear, Good Condition!
Fair Special $3,500

GEHL 600 HARVESTER
2 Row Narrow Cornhead, 6 Ft. Pickup
Fair Special $3,200

NEW GEHL 650 FOR. WGN
16' Long, Roof, 3rd Beater, on 10-Ton Running Gear w/11Lx15 Tires
Cash Price $6,000

NEW GEHL 99 BLOWER
With Heavy Duty PTO Shaft
Cash Price $2,650 With No Trade

NEW GEHL 1250 FOR. HARV.
2 and 3 Row Cornheads Available, List Price $15,140
Sale Price $13,750 Waiver To 5/1/85

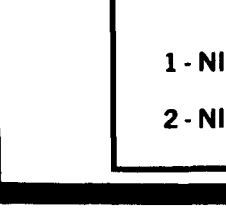
NEW GEHL 960 FOR. WGN.
18' Long with 12 Ton Running Gear, 11Lx15 Tires
Sale Price $8,725 Waiver To 5/1/85

See You At The Franklin Co. Fair!

case · GEHL · HESSTON · SAME

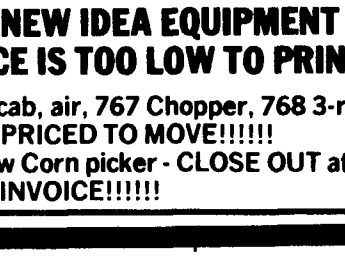
STOUFFER BROS. INC.
1066 Lincoln Way West, Chambersburg, Pa
Phone 717-263-8424

AVCO NEW IDEA



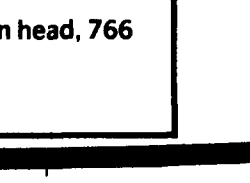
BRANCH
Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7.30 A.M. - 12:30 P.M

C.J. WONSIDLER BROS.



★ 3 LOCATIONS ★
Trumbauersville to Finland Rd., Quakertown, PA
(215) 536-1935 or 536-7523
Mon.-Fri. 7:30 A.M. - 9:00 P.M.
Sat. 7:30 A.M. - 4:00 P.M.

SPERRY NEW HOLLAND



BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon-Fri 7 30 A.M. - 5:00 P.M.
Sat 7 30 A M. - 12 30 P.M.

HOT SIZZLING SUMMER DEALS!!!!!!!!!!
Going on all USED EQUIPMENT -- Come in and pick out your used combine or tractor and we'll custom design your own finance program.

LOWEST PRICE OF THE YEAR!

A lower-priced twine may look pretty good when you buy it. But how good will it look when you're using it? When you use Sperry New Holland twine, you'll realize the value received from buying the best. You'll get better knotter performance and fewer missed ties because of the high uniformity. Consistent strength means fewer broken bales in the field and during handling and shipping.

TRACTORS
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 185 D w/cab, excel
AC WD45
AC WD
Long 610 D, only 600 hrs
IH 460 D
Farmall 400
(2) MF 180D
MF 135
MM G1000 D
JD 2030, excellent
JD 4010 D w/PS
JD 4010
JD 3010 D
JD 730 Wide front end, 3 pt.
JD 60
JD B

MANURE SPREADERS
NH 676, 325 BU.
NH 516, 175 BU., 3 beater
NH 510, 160 BU.
NH 213, 140 BU.
(2) NI 218, 265 BU.
(2) NI 214, 206 BU.
NI 213, 170 BU.
Farmhand M165, 125 BU.
NH 365 Tank
(2) Hawk Bilt 207 Tank

BALERS
NH 315 w/thrower, like new
NH 271 PTO w/chute
NH 271, wire tie, PTO
NH (2) IH 440, w/thrower PTO
MF 10, w/thrower, PTO
JD w/thrower
AC 443 w/chute, PTO
NH 23 Blower, PTO
NH 26 Blower, PTO
NH 30 Blower, PTO
AC 63 Blower, PTO

HAYBINES
NH 489, 9'
NH 460
JD 9' Mower Conditioner
MF 81 9' Conditioner
(2) AC 904 9' Mower Conditioner
Hesston PT 10 9' Conditioner
Hesston 9' Hydro Spring

TILLAGE
AC 2300 Disc Harrow-15' Fold up
JD 13' Transport Disc
IH 13' Transport Disc
Oliver 6B Spring Trip Plow
AC 80 Series 4B Mtd., 3 pt. Plow
Brady 10 Tooth Chisel Plow, w/gauge wheels, like new!
Vicon 14' Power Harrow, demo!

COMBINES
Gleaner M2 w/cab, air/heat, 15' grain & 4-row corn heads, low hrs.
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner F2 Diesel w/cab, air, 13' grain & 438 corn heads.
Gleaner KKS w/cab, 10' grain & 238 corn heads, excellent!
Gleaner CII w/13' grain & 438 corn heads.
Gleaner AII w/cab & both heads.
Gleaner AII w/12' grain head
JD 55 Special w/cab, 12' grain & 330 corn heads.
JD 55 w/12' Grain & 338 corn heads.
JD 45 w/both heads
JD 45 w/grain head
MF 35 Pull Type
IH 315 w/cab, grain & corn hds.
NH 975 w/11' grain & 238 corn heads.
NI Uni-System 702 w/717 combine, 4-row corn head.
NI 767 Chopper w/702, 2-row corn head & 761 Pick Up.

GRINDER/MIXERS
NH 352, 80 BU., PTO, EX!
NH 352, 80 BU., PTO, GOOD!
NH 351, 100 BU., PTO

'69 Dodge 7 Ton Truck w/20' Tilt Body & Winch

NEW NEW IDEA EQUIPMENT SPECIALS!
PRICE IS TOO LOW TO PRINT ON . . . .
1 - NI Uni 802 cab, air, 767 Chopper, 768 3-row corn head, 766 Pick up - PRICED TO MOVE!!!!!!
2 - NI 323 1-row Corn picker - CLOSE OUT at DEALER INVOICE!!!!!!

For Sale - 2 row AC forage harvester, like new, $2500; AC blower, $250. York Co. 717-235-2633.

JD 2010 crawler loader tracks, like new, rebuilt engine, new clutches, $8000/O.B.O. 215-795-2154.

FOR SALE - IH 1066, 2700 hrs., w/4 post roll guard, original paint, runs excellent, $10,200. Also IH 856, runs excellent, original paint, dual PTO, WFE. Berks Co. 215-683-8547.

NI 324 wide row corn picker w/super sheller, excellent condition, $6,700. Lancaster County. 717-665-3229.

Used Combines: late model JD 45 with 10' grain head and 235 corn head; MF 82 with 12' grain head and 2 row corn head; AC 66 pull type; JD 40 with 8' grain head and 205 corn head.
CLARK'S FARM SUPPLY
Williamsport, PA
717-494-0660

For Sale - Stanford Generator 656 KVA, 45 KW w/JD engine; 75 h.p. electric motor, 3 phase RPM 3550. 717-548-2271.

For Sale - 4 WD JD 4230 diesel, quad range transmission, dual hydraulics, sound guard body, radio, heater, air, in very good condition. 717-532-8601.

Allis Chalmers, double beater, forage wagon, excellent condition, $1,550. 215-855-6067.

FOR SALE - JD 2520 Gas Wide Front w/48 loader. 717-966-3919 mornings and evenings 6-8.

FOR SALE - IH 2-M-E mounted corn pick, will sell with or without tractor, wide row; also 95 Gehl grinder mixer, both in good condition. 717-432-9704.

FOR SALE - 1967 JD 4 WD 4430 cab, air, heater, quad range transmission, 3100 hrs., radial tires, in good condition. 717-532-8601.

Tractors, combines, pickers and other various types of farm equipment. Special through September New Emco 165 bushel gravity bins, $500; Kory wagon gears, 6 ton, $425; 8 ton, $475. Call Gary Leader. 814-652-2809.

For Sale - NH 315 Baler, excellent condition, $5,000 or trade on livestock. 301-898-5244.

FOR SALE - NI 323 corn picker, excellent condition, picked less than 125 acres. 717-367-0349.

For Sale - MF 65 with loader; MF 50; MF 8' scraper blade; JD 8' transport disc; NI 323 corn picker; 2 gravity bin wagons. 215-562-4464.

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

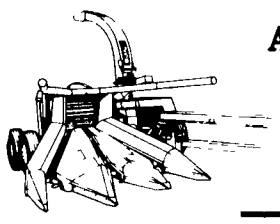
US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
GRAHAM'S DAIRY SUPPLY
(412) 834-3162
Also See Ad On Pages B24 & 25

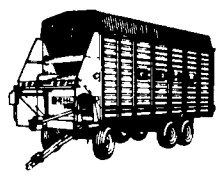
GEHL FARM EQUIPMENT

LEBANON VALLEY IMPLEMENT CO., INC.

GEHL FARM EQUIPMENT



All Hay And Forage Equipment Has Delayed Payment Until May 1, 1985 With Only 30% Down Payment



HAY EQUIPMENT

- New Gehl MC2160 mower conditioner, 9 ft cut . . . List $8,780.00, Sale $7,500.00
- New Gehl 2230 mower condition, 12 ft. cut . . . List $12,660.00, Sale $10,600.00
- New Gehl RB1460 round baler . . . List $11,191.00, Sale price $9,995.00
- New Gehl wheel rake, 3 point . . . You pick up cash price $785.00

FORAGE EQUIPMENT

- New Gehl 750 - 1000 and 1250 harvesters in stock
- New Gehl corn heads and hay pickups in stock
- New Gehl 1540 blowers in stock

} Call for details

- New Gehl 99 blower in stock . . . List $2,945.00, Sale $2,550.00
- Used Gehl 99 blower 1981, good condition . . . $1,775.00
- Used Gehl 99 blower 1974 . . . $1,225.00
- Used IH 830 harvester, 2-row corn head & hay pickup . . . $8,300.00
- New Gehl BU640 forage box 6x14 w/roof & 3rd beater . . . One only $3,750.00
- New Gehl BU960 forage box 6x16 w/roof & 3rd beater . . . One only $5,150.00
- Used E.Z. forage box 6x16 w/roof and 3rd beater . . . $2,850.00

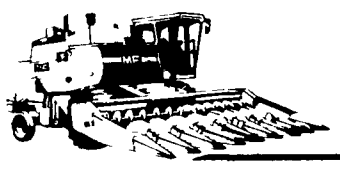
SKID LOADERS

- Used Mighty Mac 40 HP gas water cooled, w/bucket & fork . . . $4,500.00
- Used Gehl 4400 gas 40 HP water cooled, with bucket and fork . . . $5,900.00
- Used John Deere, 125 diesel 40 HP water cooled, 1979 approx. year . . . $9,700.00

GRINDER MIXERS

- New Gehl grinder mixers models 100 & 135 with hyd. drive in stock . . . Call for details
- Used Gehl 120 mixer 1977 w/scale & unloading auger extension . . . $5,800.00

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden Street Richland, PA 17087
717-866-7518



HARVEST A DEAL

TRACTORS

New MF Tractors Have 9.9% A.P.R. Financing For 42 Months

- New MF 230 thru 3545 Tractors in stock
- Used MF 275 MP trans, Ind PTO, aux. hyd., 500 hrs., like new. . . . $14,200.00
- Used MF 30B Ind. loader tractor with cab, instant reverse trans. . . . $10,200.00

COMBINES

New MF Combines Have Financing As Low As 6.9% A.P.R.
New MF 860 & 550 Combines In Stock

- New MF 1143 4-row narrow cornheads in stock . . . $8,250.00
- Used MF 510 diesel w/cab & 13 ft. grain head, good condition . . . $16,995.00
- Used MF 750 diesel w/cab w/air & 13 ft. grain table, hydro. . . . $25,500.00
- Used MF 44 4-row wide cornheads . . . As low as $1,000.00

DISC HARROWS

- New MF 520 disc 10-ft. cut, 22" dia. w/scrapers, gathering discs, & new 11Lx15' 8 ply tires . . . $4,500.00
- New MF 520 disc 12-ft. cut, 20" dia. w/scrapers, used tires . . . $3,995.00
- New MF 620 disc 12-ft. cut, spring cushion gang supports with scrapers and gathering discs . . . $5,900.00

MISCELLANEOUS

- New MF 82 plow 3 point hitch 4x16 trip bottom. . . . $2,995.00
- New MF 345 plow 3 point hitch 3x16 automatic reset . . . $3,100.00
- New MF 3 point scraper blades Heavy Duty 7 & 8 ft wide . . . $525.00 & $575.00
- Used John Deere flail chopper . . . $1,095.00

MF Massey Ferguson
Your Business Machines

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden Street Richland, PA 17087
717-866-7518

INTERNATIONAL® AGRICULTURAL EQUIPMENT

AG PROGRESS DAYS SPECIALS

	LIST	AUGUST SALE
IH 3688 w/cab & air, (demo)	$47,308	$27,650
IH 428 Baler w/flot. tires & thrower	$ 9,900	$ 7,850
IH 1190 Mower Cond., 9'	$ 9,859	$ 6,950
IH 130 Forage Box, roof & 3rd btr. & 12 Ton tandem running gear	$ 9,091	$ 6,150
IH 781 Forage Harv. w/hay pickup & 2 hds.	$18,075	$14,500
IH 881 Forage Harv. w/hay pickup & 2 hds.	$20,375	$15,500
IH 1250 Grinder Mixer, 105 bu.	$ 8,023	$ 6,250
IH 40 heavy duty 8' blade	$ 1,300	$ 985

USED TRACTORS

- IH 1486 w/cab and rad. tires . . . $24,500
- IH 1086 D w/cab . . . $22,500
- IH 986 w/cab & duals . . . $19,500
- IH 966 D hydro w/cab . . . $12,500
- IH F350 w/fast hitch (nice) . . . $2150
- IH C . . . $1250
- IH F12 tractor . . . $750

Waiver of finance until 9-1-84

COMBINES & HEADS

- IH 1440 Combine w/843 4 Row Narrow and 810 13 ft. Platform, $45,000

USED HAY AND FORAGE EQUIPMENT

- IH 46 w/thrower . . . $850
- IH 37 baler w/thrower . . . $1800
- NH 33 flail chopper . . . $950
- IH 650 forage harv., w/hds. . . . $1250
- JD 34 forage harvester w/2 row head . . . $1500
- Lamco 16' forage box w/roof . . . $1850
- IH 56 forage blower . . . $750
- IH 45 conv. blower . . . $100
- Hesston 4500 baler w/thrower $1950

Waiver of finance until 9-1-84

USED TILLAGE

- IH 531 3-F 14" mtd. plow . . . $475
- IH 710 5F 18" auto. plow w/cyl. . . . $3950
- IH 440 3F-16" 3 pt. plow (nice) $1250
- IH 540 4F-16" plow . . . $1350
- IH 550 5F 16" plow . . . $1250
- IH 710 5F 16" plow w/cyl. . . . $2250
- IH 475 20' wing disk harrow w/cyl . . . $4950
- IH 311 3F-14" 2 pt. plow . . . $350

USED PLANTERS & DRILLS

- IH 510 S.d. 16x7 . . . $3500
- IH MF S.D. 13x7 . . . $300
- McCon. Ont. 16x7 d.d. . . . $1250
- IH 56 4 row . . . $950
- IH 400 4 row 38" . . . $950
- IH 400 6 R 30" Planter w/insect. and cou-till . . . $2750

Waiver of finance until 5-1-85

SPREADERS AND MISC.

- NI 214 spreader w/hyd. endgate . . . $1850
- Portable loading ramp (for cattle) . . . $200
- 5th Wheel Steer Wagon chassis w/elec. brakes and tires . . . $450
- Little Giant 38' elevator w/motor . . . $1250

MIFFLINBURG FARM SUPPLY, INC.
Route 45 East, Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

Front end loader, Wagner model Ford WM3, $500. 215-469-6331.

For Sale - JD 3940 Chopper, 2 RN Fox 3 row low profile head; Hesston 7020 Chopper, good condition, $1,500. IH 990 Haybine, $850. 717-733-0575.

JD 105 diesel, 4 row corn head, 40" rows, 13' grain head, $6,000. 717-334-2960.

IHC 1066; 966, 656 & 666; JD 4030, 3020 for parts, 2840 & 2640; Case 1370. 717-292-1856.

For Sale - Field Queen 7600 self propelled field harvester, 1600 hours. 703-721-2150.

NI 323 corn picker, like new. Picked 125 acres; Grain bin wagon, $595. 717-354-0266.

JD 2020 diesel, high and low, spin out wheels. 814-793-4293.

JD 4400 combine, 13' grain head. Kept inside, excellent condition. 814-793-4293.

Deutz F2L912, 2 cylinder diesel engine, good condition. 215-383-6818.

JD 3020 diesel, console model, all new rubber. 814-793-4293.

For Sale - 1972 JD 4320, 120 HP, wide front, SR transmission in fine condition, $9,000. 717-532-8601.

Ford 3000 diesel, live pto, remote hydraulics, excellent condition, $4,000; Ford 3 bottom plow, new mold boards, extra shares, $275; Ford 601 corn picker, 1 row fully mounted, good condition, $1,050; International Papec portable feed grinder, good condition, $1,200; Coop E-3, 40 HP, just overhauled, new clutch, remote hydraulics, independent pto, $800; 4/65 Nuffield diesel with heavy duty Lord loader, $3,300. 717-865-2202.

For Sale - JD 7700 combine, turbo hydrostatic, air conditioning, rotary screen, bin extension, 30.5x32 tires, excellent condition, can deliver, best reasonable offer. 215-756-4341. Berks County.

Ford 3400 loader tractor, excellent condition. 814-793-4293.

Moridge 265 diesel grain dryer with cleaner. Kept under roof, good condition. Asking $2,500 or best offer. 717-264-1636.

JD 10½' spike harrow, McCurdy 22' elevator, Bush Hog 10' #1435 disc, JD 1240 plateless planter, JD 869 tollbar 7 shank rigid chisel, 1971 F-250 dual wheel flatbed truck, Midwest 5½' ton hoist, Wisconsin-B&S cast 1 cyl. engines 6 to 1 reduction. Blair Co. 814-224-4056.

For Sale - IN 702-G tractor with cap, weights, 760 chopper, 3RN, 763 head, very good. Field ready, $6,800. Lancaster Co. 215-445-5918.

For Sale - New 22' Rufer green chop wagon. All metal. Complete with tires, $270 under dealers cost, $1,500. 717-532-8601.

NH L35 Skid Loader, new paint, rebuilt engine, excellent condition. 215-383-6818.

JD 2030 diesel, high and low, heavy duty front end. Real Clean. 814-793-4293.

For Sale - JD 7700 diesel combine, air condition cab, good condition, can deliver, $12,500. 215-756-4341. Berks Co.

For Sale - JD 200 stack wagon and stack mover. Makes a 3 ton stack. Also lime spreader 215-588-4704.

Braco potato harvester. Field ready JD #30 level bed digger, new condition, JD belt pickup fits 3300, 4400, 6600, 7700 combines. 215-395-1213.

Case skid steer, 1737, good condition. 814-793-4293.

HOULE
WIC
US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
Available From
CREUTZBURG INC.
(717) 768-7181
Also See Ad On Pages B24 & 25

- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains
- Bedding Choppers
- Silage Carts
- Manure Tanks
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

SPERRY NEW HOLLAND
STARLINE VANDALE
USED EQUIPMENT

NH 1895 SP
FORAGE HARVESTER
Used 4 fall seasons.
250 HP, Cat Engine,
Cab & Air Cond.,
Elec. Metal Detector,
2 speed Blower Fan, Auger Bank Under Cutter Head, 12 near new double Edge, Underbeveled Knives Base Unit w/Auger & 3 Row Low Profile Head.
This Unit is and has been under roof & is very Clean.
Financing Available Waiver of Interest until 9/1/85 ..... $29,500

Partial List
Used Equipment
Gehl 99 Blower 3 yrs.old $1580
NH 67 Baler $750
518 Manure Spreader $1975
NH 362 4 Ton Flail Spreader $1075
NH 355 Grinder Mixer 21" mill ... $4250

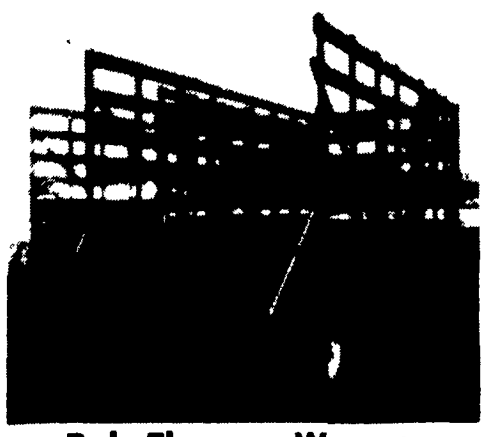
NEW HOLLAND
NEW EQUIPMENT IN STOCK
Call for special terms and prices.
9', 12' Haybines 488, 489, 495
Balers 311, 316, 320 & throwers
256 - Rakes
456 - Mower
Forage Harvesters 718, 782, 892
Blowers 25, 28
Spreaders, Wagon Gears
Round Balers & Grinder Mixers
PARTS and SERVICE
ROY A. BRUBAKER
SALES ★ SERVICE
Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

HESSTON CORPORATION
NI 802 Uni w/868 Harvester, 866 Pickup, 768 3 RC Head
Fox 6650 SP Harvester
HESSTON EQUIP.
1091 9' Windrower, $7,200 - $800 Rebate
1010 Hydro Swing
Kuhn 17' Tedder
USED TRACTORS
Cub 185 LoBoy w/Belly & Sickle Bar Mower
Farmall H
AC 1983 6080 4WD, 450 Hrs.
Oliver 77
Oliver 1555 D WFE
IH 340
IH Super C
IH 154 Cub Lo Boy
Hough 25B Loader w/52" bucket
Case 430D
AC B
AC D17
USED HARVESTERS
Field Queen 7650 4WD 3 row head & pickup
MF 750 Combine 6R & 131 Grain Head
702 Uni
Fox 3310
Fox 299 80" Flail Head
Fox Max 1 SP, Cab, 4 Whl., Low Profile Head
NI 323 Picker, used 40 acres
USED EQUIPMENT
Hesston 4800 Big Square Baler $29,000
JD 220 18' Rock Flex Wing Disc
JD 15A Flail Chopper
IH #10 Drill
Glenco SS7 Stretch Frame, Like New.
Glenco SS9 Soil Saver
AC 8 Row No-Till 20" Planter
Hesston 10, 30A Stacker
Kewanee 20' Field Cultivator
JD 216 Wagon, 3 btr. & roof.
NH 1495 Gas SP Windrower
Hesston 12' Hydro Swing
Hesston 1090 9' Windrower
Hesston PT10 Windrower
JD 2280 diesel 14' windrower
111 JD 12' Disc Harrow
EZ Trail Bin Wagon
NI 214 Spreader
NI 212 Spreader
Hesston 3-Row Narrow-Wide Head
Fox 3-Row Belt Head
Fox 2 RN Chain Head
STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

MF Massey Ferguson
TRACTORS & EQUIPMENT
MF 308 Tractor w/loader & cab
NH 315 Baler w/Thrower
MF 40 Diesel Tractor w/Loader Backhoe
AC D17 Dsl. Tractor
MF 50C Tractor w/Loader & Cab
MF 50 Tractor w/Loader & Backhoe
Ford NAA Tractor
MF 760 Combine w/Attchs.
IH 440 Baler
NH 320 Baler w/thrower
NH 310 Baler
NH 273 Baler w/thrower
NH 518 Manure Spreader
NI 213 Manure Spreader
MH 35 Combine
NEW M.F. EQUIPMENT
MF 50 Tractor w/Cab
MF 285 Tractor
MF 250 Loader
MF 245 Tractor
MF 1030 Tractor
MF 1010 Tractor
MF 20 Turf Tractor
MF 236 Loader
MF 236 Loader to fit MF 184-4 Tractor
MF #43 2B Plow
MF 820 Disc Harrow
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades
S.G. LEWIS & SON, INC.
352 N. Jennersville Rd.
West Grove, PA
215-869-2214

USED EQUIPMENT
AVAILABLE NEXT WEEK
Uni 708 w/400 hrs.
Uni 706 w/6 Cylinder Perkins Diesel, 500 hrs.
Uni 703 w/600 hrs.
838 Husking Bed and Throat w/6 Row Uni Corn Head
MF 510 Gas Combine, New in 1975 w/760 Actual Hrs.
Int. 815 Low Profile Diesel
Brand New 1460 Actual Flow Combine, No Heads, $64,000
Several 767 Super Choppers w/3 Row Heads
'Gleaner F SOLD bine, Excellent
J SOLD 00
NI 325 12 Roll Picker 300 Acres
NI 325 8 Roll, 250 Acres
NI 323 Picker, 40 Acres
NI 737 Husking Bed, 350 Acres
1066 w/Cab & Air 1700 Hrs.
JD 55 Square Back Combine w/Late Quick Tach Throat
Case 1030 Diesel
NI 13' Flex Head 740 Fast-Touch Throat
NI 744 Corn Head
NI 8 SOLD Corn Head
NI 717 Combine
NI 710 Combine, Excellent
NI 737 Husker
NI 701 Tractor
RAYMOND B. LEAMAN
Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville off Rt. 222 take Brenneman Road at Graybill Bros. Garage, Refton.

TIRED OF BEING OVERCHARGED?
Battery Warehouse
OFFERS A COMPLETE LINE OF TOP QUALITY BATTERIES AT EVERYDAY LOW LOW PRICES
FARM TRACTOR BATTERIES
Group 1 6 Volt $31.95 Exch.
Group 30H 12 Volt $65.95 Exch.
PASSENGER CAR BATTERIES STILL
As Low As $29.95 Exch.
We Specialize In "Hard to Find" Implement Batteries
When You Need A Battery Call The Experts At
Battery Warehouse
Complete Price Sheet Available Upon Request
HARRISBURG 717-652-0565
ALTOONA 814-942-2888
MECHANICSBURG 717-697-4414
YORK 717-846-5925
JOHNSTOWN 814-266-7807
HAGERSTOWN, MD 301-791-7780
CHAMBERSBURG 717-264-7414
SINKING SPRINGS 215-777-5284
LEWISTOWN 717-242-1614
STATE COLLEGE 814-234-3192
WILLIAMSPORT 717-323-5645
WESTMINSTER, MD 301-876-7188
SHAMOKIN DAM 717-743-5383
BEL AIR, MD 301-879-4323

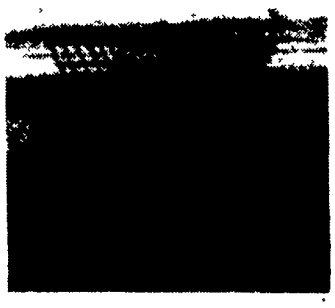


Bale Thrower Wagon

8 ton gear
Sides well braced
Side Holes - End Gate - Painted

We will also repair your wagon or build on your gear.

Also Hay Racks of Many Styles



Hay Rack and Feed Bunk Combination. Built on skids for easy towing. 8', 12' on stock. Also available trailer type. Less hay waste

Round Steel Hay Rack w/Bottom $200.00
Without Bottoms are $135.00

Bell Road Wagon Shop

Box 280 Bell Road
Christiana #1, PA 17509

1 mile south of Ninepoints off 896
take Noble Rd. to Bell Rd.
8 mi. N. of Oxford
Dealers Welcome
Answering Service
717-529-2614

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
WIGGERS FARM EQUIPMENT
(814) 664-2661
Also See Ad On Pages B24 & 25

FORRESTER FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service

(3) Ford 2000
New Ford 2910
Ford 3000
New Ford 3910
Ford 4000
(2) Ford 4000 1972,
Ford 4600 1976
Ford 5000 1969, SOS
Ford 6600 dual power w/cab
Ford 7000
Ford 7600
(2) Ford 7600 1976 w/cab, DP
Ford 7700
Ford 8100, 1980 w/cab, DP
Ford 8600 1972 w/dual power
Ford 9600
Ford 9700 cab w/air, dual power
Ford TW 10 w/duals, cab & air
JD 1030 hi-lo, w/cab
JD 1120 1969 hi-lo
JD 2130 1975, w/cab
JD 2130 1976
JD 2130 1978, 4WD w/cab & heater
(2) JD 3120 1969
(2) IH 784 w/cab & heat
IH 966 1974 w/cab
MF 135
Universal (Long 445) 4 wheel drive
Satoh w/blade & cultivator
Ford 640 combine
64 Chev dump truck

New Replacement Seats for 9N to 5000 Tractors
Adjusts to Operators Weight
$120.00 Each

New JD Skid Loaders, Below Cost
(1) Model 90 Gas (1) Model 80 Gas

Full Line of Tisco and Vapormatic Parts

¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30 - 5:00 Mon. - Fri.
8:30 - 12:00 Saturdays

---

g-Industrial Equip. Co.

ALLIS-CHALMERS · KUBOTA · JCB · Bullion · bobcat · SPERRY NEW HOLLAND

TRACTORS
Farmall H
Kubota 5100 w/B445 Mower
AC 7060 PS
AC 7040
AC 7030
A SOLD
AC WC
Case 970
Case 930 w/Loader
Case D
JD B
(1) IH 656H w/Loader
Case 2390
Kubota B8200
Ford 9 N w/Loader
Ford 8N w/Loader Mower

LAWN & GARDEN
Gravely w/Mower
AC B-10
AC B 208
Simplicity 728
Jacobsen GT-10
AC HB 212
AC 808
Ford LGT 120

LOADERS
(2) NH 425
NH 445 w/Deutz Diesel
NH L775
Schwartz

PLANTERS
AC 600 4R
AC 7R Bean
AC 6 row w/Bean Units

COMBINES
AC CII w/2 Hds.
AC F330 Corn Hd.
AC G440 Corn Hd.
NH TR70 w/960 & 962W4
NH TR70 w/13' Flex Hd. & 962N6
NH 970 Gr. Hd.

MOWER CONDITIONERS
(3) NH 1495 SP
Case 955 Windrower
Hesston 1014 Windrower Hydro S.
Hesston 620 Windrower S.P.
NH 495
NI SOLD
NH 489
I SOLD
NI 279
Cunningham

BALERS
IH 430
MF 12 w/thrower
Hesston 4600
NH 845 Round
NH 276 w/thrower
(2) NH 278 w/58 Thrower
NH 268
Ford 14-80

MOWERS
NH 462 Disc
JD Side Mt
Bushhog Batwing
Bushhog 7' 3 pt.
JD 25A Flail
Woods RM48
(2) IH Mower
Bushhog 10'
JD

SPREADERS
Badger 230 Tank Liquid
Badger 325 Tank w/pump
NH 365 Tank flail
NH 791 Box
Lely fertz

MISCELLANEOUS
Hesston 10 Stacker w/Mower
AC 5 Btm 18" Plow
NI 324 Super Sheller
Brillion STS10 Transp. Harrow
NH Straw Chopper
Brillion 10 ft. Cultipacker
Lely Rotara
Badger Elevator
Kubota 1102 Engine
Kubota EA600NB Engine
NH 358 Grinder Mixer
Moore Grain Drill No til
NH 85 Bale Handler round
Wisconsin TFD Engine
Badger Blower

FORAGE EQUIPMENT
FQ SD7655 w/4R Corn & 4R snapper
FQ 7600 w/R W, 4R N & WPU
Hesston FA-7 Hd
NH 822 C Hd
NH 770R2
NH 919 A4
NH 890 EN2
NH 890N3
NH 880R2
NH 1895 3RN & WPU

WAGONS
(3) NH #8 Crop
Hesston 30A Stacker
NH 1010 Bale
(4) Bale w/Wood Sides on Running Gear, Flat w/Body

Call Ed Greenleaf, Sam Siple
Peck Ramsay
Service Call Terry Greenleaf
1207 Telegraph Road, Rt 273 Rising Sun, Md
301-658-5568 301-398-6132
215-869-3542
Immediate Financing
Hours Mon thru. Fri 8 to 7 Sat 8 to 4
CLOSED SUNDAY

NH 770 Harvester w/2 Row corn head & pickup..... $4,200
NH 717 Harvester 1 Row corn head.... $1,300
NH 36 Crop Chopper..... $2,000
NH 27 Blower..... $600
IH 56 Blower..... $1,650
NH #8 Crop Carrier on 234 Chassis w/3rd beater and cover..... $2,800
WENTZ FARM SUPPLY
Palm, PA 215-679-7164

727 husking unit for Uni-System Little Giant elevator, 40', good condition; IH 4 bottom mounted plow. 215-444-5943. Chester County.

1979 AC 7000 cab, air heat, 1,800 hr., like new. West Morland Co. 412-423-2463.

For Sale - Harvester silo jacks, $4,500.00. Call 717-354-7276 after 6 PM.

Smoker rotto beater, 5½' in A-1 condition, $1,350. Jacob Herschberger, Box 134C, Peach Bottom, PA. 17563.

Hydraulic Front End Loader, $500.
DENNIS M. MILLER
Rt. 22, Grantville, PA.
717-838-1888 anytime
717-469-0937 daily

NH 1895 SP Harvester w/3 Row Head, pickup and direct cut attachment. Guaranteed. NH #30 Blower (Demo).
C.E. Wiley & Son
717-786-2895

JD 4440, 4 post, QR, new tires, good condition, $16,800. 215-383-6818.

4020 JD syncro range, dual hydraulic, differential lock, real good tractor, $6,500. 215-383-6818.

Dismantling Combines for parts over 300 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 915D, 203, 303, 403, 503, 205, 315 & 815, NH 985, JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D, combine & shellers, Case 800 & 660, 600, MM 5297, Ford 622.

COMBINES

1-IH 915 Diesel, 4 Row 38"; 1-JD 6600 gas with Grain Heads
Buy one of These Combines w/choice of Heads and choice of Combine for $12,500

IH 205 w/cab & 10 ft. Grain Corn Head
JD 55 12' grainhead
Gleaner S 6" Diesel cab, grain, 4 row corn head SOLD
Gleaner, M Diesel, cab, 13' grain
AC Gleaner G w/4 row corn, $6,950
AC Gleaner C 4 row corn & 12' grain, $3950
AC 66 Pull type PTO, nice, $500
IH 101, 10' grain.
IH 82 pull type, auger feed, $2500
IH 503 Diesel, cab and grain & corn head, $5500
Massey 70 w/10' grain, $800
E Gleaner, cab & 10' head, $3000
JD 4400, cab & head
C2 Gleaner w/2 heads
JD 6600 cab & grain head

TRACTORS

Ford 800 w/heavy duty loader & hydraulic bucket, front pump
MM Model R w/3 pt., $750
JD 3010 gas, $2875
IH 1256 3 pt., wide front, $6500
2 Farmall H w/hyd. from $700 to $875
MF 2745 cab duals, 1200 hrs., $15,500
White 2-105 roll guard, $8500
Case 1370, 165 HP, as is, $6500
AC crawler w/blade, $1275
AC C w/side mounted mower & cultivators w/hydraulic, $875 SOLD

CORN HEADS

MF 4 row 30" fits 410
MF 2 row 38" fits 300, QT, $750
JD 2 row 38" fits 40, $450
4-Gleaner C2 4 row, 38" $775 each
JD 4 row 30" fits 95, $1500
JD 6 row 30" fits 105, $1175
NI 2 row 38", $575
IH 3 row 30", fits 615, $1500
IH 2 row 38" fits 615, $775
MF 2 row 38" fits 300, $500
AC Gleaner 4 row 30" fits C2, $1500

PICKERS

NI 323 picked approx. 70 acres, $3500
JD 60 w/NI 305 with 12 roll bed, $2500
NI #7 picker, $750
NI 300 2 row pull, $875
MM picker, 1 row, $350
2-Woods pickers, $300 to $650

MISC.

12' hayblng auger feed, $2000 SOLD
IH pickup head for 50, 55, 550 & 650, $235
IH 8 ft. Wheel Disc
IH 12 ft. Wheel Disc
JD 12 ft. Wheel Disc
8 ft. Pull Rotary Cutter
3 PT Ford Blade
Ford 2 BT Plow
IH 9-tooth chisel plow
4-IH 744 4 row 38" corn heads
NI 12' flail mower
JD 1450 6 btm-16" plow, real nice, $1750
IH Cub spreader, $300
1 & 2 row corn pickers
All steel farm dump trailer holds about 500 Du-of corn
NI 213 spreader w/new drag chain & sides, $1275
Hawk Bilt tank spreader, $575
Corn & grain heads, IH 12' off 815 combine
NH 13' grain head
JD 40 8' grain head
Gleaner K 2 row corn head
IH 227 corn head
IH 733 3 row, 30" off of 815
MF 3 row 30" for a 300 or 410
AC 720 harvester, 2 row, pick-up head
AC 3 row 30" for E&K
JD #8 mower
JD 35 1 row head

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH 560 D, IH 660 D, IH F 14, 806, 1256, 340, F30, F-20 A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60, 3010 D. AC WD, WC, D17. Oliver 70 & 77, 88, 60. Ford 8N, Ford 6000D. Case 300, SC & V.A.C., DC. AC "B", AC 180, AC 190, AC C, CA, MF 1155, Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.

Dismantling 50 pickers for parts
POSITIVELY NO OUT OF STATE PERSONAL CHECKS

KEITER'S FARM MACHINERY
R.D. #1 Halifax, PA 17032 Rt. 225
20 mi. north of Hbg.
Phone: 717-362-9574

---

case

TRACTORS
- Case 430
- Case 870
- Oliver 500
- JD 2630
- White 2-105 Tractor
- Ford 8N w/Loader
- Ford Jubilee
- IH 350 w/fast hitch

LOADERS
- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 1816 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Int 3200 Skid Loader

TILLAGE
- White 348 Plow
- 318 Spring Reset Plow
- Brady 13' Field Cult.
- Case Disc Harrow, 10'
- Oliver 2 Bot Trailer Plows
- MF 3 Bot Plow
- Ford 2-Bottom Plow
- 3 Pt. Disk
- Used Cultipacker

HARVESTING EQUIPMENT
- Hesston 7020 Harvester
- Case 600 Combine w/3-Row Head
- NI Unisystem 702 Tractor, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 767 Super Chopper
- NI 735 Cornhead
- NI 323 1-Row Cornpicker
- NI 324 2-Row Cornpicker
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead
- Oliver 73H 2-Row Cornpicker

HAY EQUIPMENT
- NI 279 Cutditioner
- JD 1209 Windrower
- IH 1190 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1090 Windrower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI 404 Wheel Rake
- NI Hay Rake
- NI 456 Round Baler

MISCELLANEOUS
- IH 400 Corn Planter, 8 Row
- 4-Row Cole Planter
- 6 Used Spreaders
- NI 218 Spreader
- IH 275 Spreader
- Weaverline Cart, 24 Bushel

SPECIAL
• 8 USED WINDROWERS!

Van Dale
ST 100 MIXER
New Scale and New Bottom

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle
MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

SAT. DEC. 15 - Public Auction of a 95 Acre Limestone Farm. Located 1 mile south of Richland. Paul Z. & Eva B. Martin, Owners. Paul E. Martin & John D. Stauffer, Auctioneers.

SAT. DEC. 15 - 12 PM Public Auction of Lawn and Garden, Tractors and equipment. Located in Martindale, PA, Lancaster Co. Lawn Care, PA. Daniel Z. Martin & Son, Owners. Kline & Kreider, Auctioneers.

SAT. DEC. 15 - 11 AM Public Auction of 15 acre Farmette, Farm Eq., and some Household Goods. Located in East Cocalico Twp., Lanc. Co. Approx. ½ mi. south of Reinholds, PA, along Rt. 897. Terms by Charles W. & Mary G. Gerhart. Arlin R. Weik, Auctioneer.

THURS. DEC. 20 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt. 550 in Frederick Co.

SAT. DEC. 22 - Farm Equip. & Dairy Cattle. 1 mile West of Blainsport along Rt. 897. Lamar W. & Eileen Garman. Paul E. Martin & John D. Stauffer, Auctioneers.

MON. DEC. 31 - 12 Noon. Public Auction of the Bailey-View Holstein Dispersal. Located in Ulysses Boro, Potter Co., PA. Watch for arrows on Main St. Rt. 49. Jerry Pirrung Sales, Ulysses, PA. 814-848-7421, Auctioneers.

JANUARY

TUES. JAN. 1 - 7:30 PM Public Auction of Weekly Sales. Located at the Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

TUES. JAN. 22 - Public Consignment Auction in Kirkwood, PA. Lancaster County. Hay, Straw and Grain, Horses and Mules, Farm Machinery, small items, Tools, Groceries, Fruits and Vegetables and Dry Goods. For advertising arrangement, write today. King's Auction, R 1, Box 329, Kirkwood, PA. 17536.

FEBRUARY

THURS. FEB. 7 - Public Auction of a Holstein Herd and Horse Drawn Farm Machinery. Located 1½ miles NE of Oxford, Chester Co., PA. Daniel Riehl, Owner. Steve petersheim, Auctioneer.

FRI. FEB. 15 - 11 AM Public Auction of Construction Equipment, Cars, Trucks, Loaders, Etc. Located in Felton Delaware. Carroll's Sales Co., Inc., Auctioneers.

SAT. FEB. 16 - 10 AM Public Auction of Dairy Cows, Heifers, Mules and Farm Machinery. Located 2½ miles south of Strasburg along May Post Office Rd. or 4 miles North of 372 from Quarryville along May Post Office Rd. Lancaster Co., PA. Amos S. & Mary S. Zook, Owners. Kreider & Kline Auction Service, Auctioneers.

TUES. FEB. 19 - Public Consignment Auction in Kirkwood, PA. Lancaster County. Hay, Straw and Grain, Horses and Mules, Farm Machinery, small items, Tools, Groceries, Fruits and Vegetables and Dry Goods. For advertising arrangement, write today. King's Auction, R 1, Box 329, Kirkwood, PA. 17536.

MON. FEB. 25 - Public Auction of Farm Equipment. Located at Frystown, along 645. Swope and Bashore, Owners. Paul E. Martin and John D. Stauffer, Auctioneers.

THURS. FEB. 28 - 10 AM Public Auction of Farm Equipment. Located in Bern Twp., Berks Co., along Grange Rd., Leesport. Mat-Mar Farms, Owners. Horning Farm Agency, Inc., Auctioneers

MARCH

MON. MARCH 4 - Public Auction of Farm Equipment. Located 1 mile south of Richland off Milbach Road. Paul Z. & Eva B. Martin, Owners. Paul E. Martin and John D. Stauffer, Auctioneers.

FRI. MAR. 8 - Farm machinery, Holstein dairy heifers. 5 miles north of Bloomsburg, PA, Columbia Co. Glen & Betty Bowman, owners. Fraley Auction Company.

SAT. MARCH 9 - 9 AM Public Auction of Farm Machinery, Household Goods, Antiques located 2 miles Northeast of Bernville off Shartlesville Road, 1 mile to first farm on left, 4 miles South of Shartlesville, 4 miles south of Centerport, Berks County. Sale by Wilbur and Pauline Hartranft, Owners; Paul Snyder and Alvin Horning, Auctioneers.

SAT. MARCH 9 - 8:30 AM Public Auction Annual Consignment Sale of the Gordonville Fire Co. Selling Farm Equipment, Livestock, Household Goods, Quilts and Antiques. Located at the Gordonville Fire Hall, Gordonville, PA. Gordonville Fire Co. Sales Committee, Owners. Ron Funk & Local Auctioneers.

FRI. MAR. 15 - 5 PM Tractor and Truck Sale. Kempton Community Center inside Northern Berks Co. Russell Henry 215-756-6511.

SAT MAR. 16 - Farm Eq. & small items Kempton Community Center, Northern Berks Co. 12 Auctioneers. Russell Henry 215-756-6511.

TUES. MARCH 19 - Public Consignment Auction in Kirkwood, PA. Lancaster County. Hay, Straw and Grain, Horses and Mules, Farm Machinery, small items, Tools, Groceries, Fruits and Vegetables and Dry Goods. For advertising arrangement, write today. King's Auction, R 1, Box 329, Kirkwood, PA. 17536.

SAT. MARCH 23 - Public Auction located in West Millersville along Rt. 999. Ernest and Anna Mary Lefever, Owners. Paul E. Martin and John D. Stauffer, Auctioneers.

SAT. MARCH 30 - 5 PM Public Auction of the 3rd Annual Lancaster Farm Toy Auction, Show & Sale. Located at the Lancaster Treadway Inn, Rt. 30 and Oregon Pike, Rt. 272, Lancaster, PA. Wally Hooker, Auctioneer.

APRIL

SAT. APRIL 20, 1985 - Public Auction of the 19th Annual Colonial Charolais Spring Sale. Located at the Frederick Fairgrounds, Frederick, MD. Sponsored by the Colonial Charolais Assoc. Buzz Garey, Manager.

TUES. APRIL 23 - Public Consignment Auction in Kirkwood, PA. Lancaster County. Hay, Straw and Grain, Horses and Mules, Farm Machinery, small items, Tools, Groceries, Fruits and Vegetables and Dry Goods. For advertising arrangement, write today. King's Auction, R 1, Box 329, Kirkwood, PA. 17536.

JUNE

SAT. JUNE 22, 1985 - Public Auction of the Colonial World Class Sale '85. Located at Riverwood Farms, Powell, Ohio. Sponsored by Colonial Charolais Assoc. Buzz Garey, Manager.

Dairy and Livestock Sales

SHORT NOTICE SALE
COMPLETE HOLSTEIN DISPERSAL
FRIDAY, NOVEMBER 30, 7:30 P.M. E.S.T.

To be held at Smoketown Quality Dairy Sales Co., Rte. 340, 5 miles East of Lancaster, 5 miles West of Intercourse, Smoketown, PA

Holstein Herd of 33 Cows. All Home Raised and Calfhood Vaccinated. Herd being sold due to health reasons. This dairyman is in the hospital.

* Sharp group of cows, young and good udders.
* 8 or 10 strictly fresh
* 15 cows fresh Sept. and Oct.
* 6 springers
* Balance in all stages of lactation.

Herd averaging 53½ lbs. milk per cows, 3.8 test. Cows milking 60 to 90 lbs. This is a base and Fall herd of cows. Eastern breeding for 25 years. Recent Mastitis test 100%.

Six fancy good uddered cows and heifers from one herd. Farmer is over stocked.

* Reg. 2 yr. old. Her sire-Skyhurst Top Chief daughter milking 50 lbs. Good uddered.
  Her Dam-VG87 over 20,000 milk,
  2nd dam VG 85 over 23,000,
  3rd Dam GP 84.over 20,000 milk.
* Reg. 3 year old GP 82 Her Sire Dunwood Rising Star due 7/6/85 to Marlu Persus Chief still milking 60 lbs. 3.8 Test, good udder.

Four (4) 2 year old Grade Heifers recently fresh, nice tight udders, 2 milking 65 lbs. per day.

Also selling.....

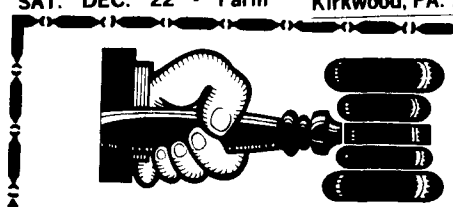
4 cows purchased from 1 herd making from 14,000 to 19,000.

1 2 year old milking 75 lbs.

1 Registered Holstein bull ready for service, good pedigrees with lots of milk and butterfat. More details at ringside.

Cows Milked at Regular Time
Cash or Good Check Night of Sale

Sale by
SMOKETOWN QUALITY DAIRY SALES, INC.
GORDON & HELEN FRITZ
717-393-0930
Carl Diller—Paul Snyder, Auctioneers
AU-000873-L
Henry Kettering, Pedigrees — Lunch by Sublette



AUCTIONEER'S DIRECTORY

NOTICE
To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

C.H. WOLGEMUTH
RD #2 MANHEIM
PA
AUCTIONEER
Member of
COMPLETE AUCTION SERVICE
CALL
717 665-5664

KLINE & KREIDER AUCTIONEERS
COMPLETE PROFESSIONAL AUCTION SERVICE
REAL ESTATE — FARMS & RESIDENTIAL
PERSONAL PROPERTY — ANTIQUES — FARM STOCK SALES — LIQUIDATIONS
RANDAL V. KLINE
AUCTIONEER REALTOR
717 733 1006
717 569 8701
LLOYD H. KREIDER
AUCTIONEER
717 786-3394

PROFESSIONAL Auctioneering
PAUL E. MARTIN
R.D. 1, Box 553
Stevens, Pa. 17578
JOHN D. STAUFFER
217 Andrea Dr.
Lititz, Pa. 17543
Complete Auction Service. We assist you and advise you from the planning stages of your auction to the completion of your auction.
For A Consultation In Your Home Call
Paul (717) 733-3511 — John (717) 665-5099
Licensed and Bonded

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P M
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va
703-364-1566

THE DREAMSTREET PRODUCTION SALE
THURSDAY, NOVEMBER 29, 1984
11:00 A.M.
The Guernsey Pavilion Lancaster, Pa.
100 Head of Outstanding registered Holsteins Sell

Many EX and VG cows sell, up to EX-93 top production! Records to over 27,000 lbs. milk & 1,000 lbs. fat Deep pedigrees! Many selling from several generations of VG & EX with good production records.

dtrs. of the breeds most famous sires sell.

S-W-D Valiant
Leadfield Columbus-ET
Hanover-Hill Triple Threat-Red
No-Na-Me Fond Matt
Sweet-Haven Tradition
Round Oak Rag Apple Elevation
Straight-Pine Elevation Pete
and many more!

Cattle of all ages and all stages of lactation are being offered. All cattle are sound and Dreamstreet Holsteins will proudly stand behind your purchase. Don't miss this opportunity to add world famous genetics to your herd.

Contact sale managers for further information
Terms-cash or good check sale day

Sale Managed By:
Dreamstreet Holsteins Inc.
P.O. Box 209
Walton, N.Y. 13856
607-865-6575
The Cattle Exchange
8 Court Street
Delhi, NY 13753
Phone: 607-746-2226 or 3326

USED EQUIPMENT

IH 656 Tractor
Disk Harrows
Grain Drills
IH 686 Tractor
M&W No-Till 14 ft. Drill
4 Bt. 3 Pt. Hitch Plow
4 Bt. 2 Pt. Hitch Plow
Used Combines

Norman Bright Inc.
45 Evergreen Road New Egypt, N.J.
609-723-0300

Farmall Super A
with Mid-Mounted 60 Inch Woods Rotary Mower

MANOR EQUIPMENT, INC.
Sinking Springs, PA
215/678-0828

LEE DULL EQUIPMENT

659 Mastle Road
Newmanstown, Pa 17073
717-949-3451

IH 4140 Skid Steer Loader, 380 hours, Real Sharp $7,500
JD 350B Crawler Loader $13,500
Prime Mover Articulating Loader $8,500

Bank Must Sell

Allis-Chalmers C-2 Combine 4 row wide corn head 13 ft Hume reel Gas engine MAKE AN OFFER For sale AS IS Bank reserves right to decline

Call 814-258-5111

MF 410 COMBINE

Diesel, 4 row wide corn head, 13' grain head, good condition.
717-866-7093

FOR SALE
Rebuilt & Painted New Idea Spreaders
Horse drawn & tractor type
Enoch Brubaker
R.D. #1, Box 229
Liverpool, PA 17045

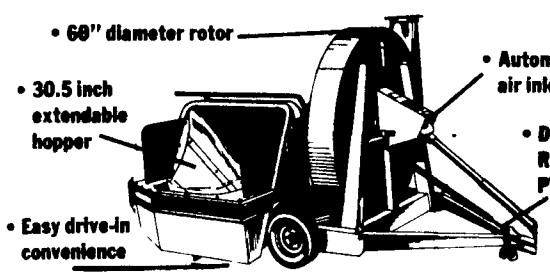
MESSICK FARM EQUIPMENT, INC.

Farm Equipment Is Our Business
RHEEMS EXIT, RT. 283, ELIZABETHTOWN, PA.

PH: (717) 367-1319 Toll Free In PA. 1-800-222-3373 Warren Spickler-Home 653-4560 We Ship UPS

IH MODEL 600 FORAGE BLOWER

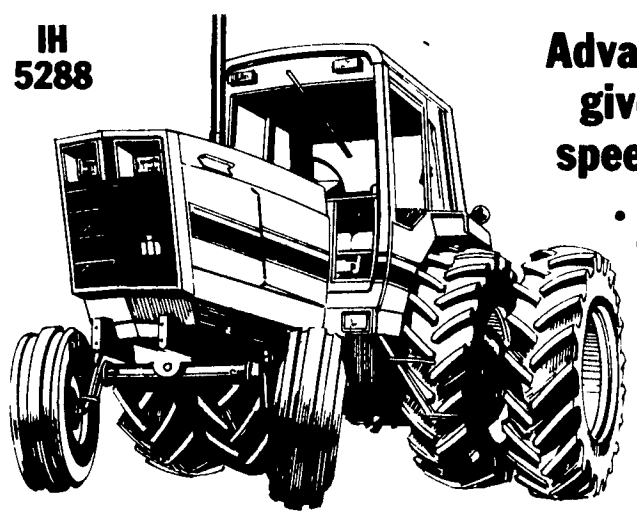
Capacity to match tall silos



• Wheels adjust for clearance, leveling and height

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 367-7926

IH 5288



Advanced Drive Train gives you an ideal speed for every job!

THE NEW NUMBER 1 INTERNATIONAL

- International turbo diesel engine with 162.6* PTO hp
- Exclusive Power Priority hydraulics
- Exclusive Forward Air Flow cooling
- Smooth, easy Synchro-Tri-Six Shifting
- 2 wheel drive and all-wheel drive models available

PLUS . . . A 3-year or 2500-hour extended warranty on the engine and drive train!

*Official test

Gives You #1
• PERFORMANCE
• PRODUCTIVITY • RELIABILITY

A GOOD SELECTION OF USED EQUIPMENT

HAY & FORAGE
- IH 56 Blower, HD PTO
- AC Model K Combine w/Platform & 3 Row Corn Head, Ex Cond
- NH 892 Harvester w/919 N3 Corn Head
- NH 479 Haybine
- NI 5 Reel Rake
- (2) Dion Forage Box Wagons
- IH 1190 Mower Conditioner
- NH 2 Row Snapper Head
- Gehl 600 Harvester 2 Row & Pickup
- New Idea 1 Row Corn Picker (Nice)
- NH 880 Harvester w/2 Row Corn Head
- NH #8 Forage Box & 234 Wagon
- HD Big Bale Mover
- IH 60 Shredder 6 Row
- IH 50 Shredder 4 Row
- IH 225 SP Mower Conditioner
- NH 822 Corn Head
- AC 303 Baler
- NH 276 Baler w/Thrower
- NH 489 Haybine
- NH 273 Baler w/Thrower
- NH 718 Harvester w/1 or 2 Row Cornhead
- NH 24 ft. Elevator
- NH 822 Cornhead

TRACTORS
- IH 340 Tractor, Fast Hitch
- IH 5088, 136 HP, 300 hrs
- IH Cub Lo Boy
- Farmall A

SKID LOADERS
- NH L425, Rental Unit
- NH L775 Diesel, Deutz 50 HP

SEE THE IH DISPLAY AT AG PROGRESS DAYS

MISCELLANEOUS
- Grain-O-Vator Grain Cart
- Pequea Hay Tedder, 7 ft.
- Little Giant 40 ft Elevator
- Herd Fertilizer Spreader & Seeder
- NH 352 Grinder Mixer
- NH 234 Wagon w/Flotation Tires
- S P Case Combine w/15 ft Platform & 6 Row Cornhead, Good Cond, Only $8500

TILLAGE
- JD 350 6 Bottom Plow
- IH 440 Plow, 4 Bottom 16", Demo
- IH 700 4 Bottom Auto Reset Plow
- Brillion 14 Ft Transport Harrow
- Glencoe 9 Shank Soil Saver w/New Disc
- Brillion 10 Ft Culti Packer
- IH 350 Disk Harrow, 12 ft, Nice
- JD 10 ft Rotary Hoe

PLANTERS
- IH 400 Planter 6 or 4 Row
- White 4 Row Air Planter

SPREADERS
- NI 214 3 Beater Spreader
- NH 519 Spreader 2 Beaters, Hyd Gate
- NH 516 Spreader
- NH 362 Tank Spreader
- NI 224 Spreader, 2 Beaters, 10 Ton
- NH 791 Spreader

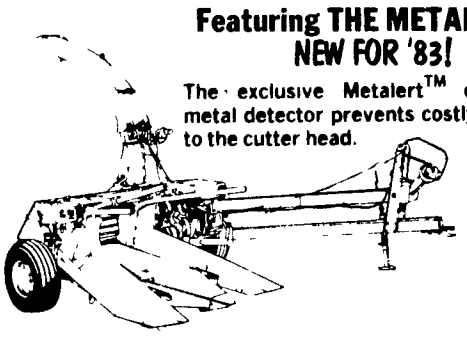
MESSICK . . . YOUR HARVESTER SPECIALISTS

NEW HOLLAND

CHECK OUT THESE EXCLUSIVE FEATURES AVAILABLE ON ALL MODELS
- Metal Detectors
- Flip-Up Feed Rolls
- Heavy Duty PTO
- Electric Controls
- Double edge underbeveled Knives (never requires rebeveling)
- 2, 3 & 4 Row Harvesters, Have Adjustable Row Crop Heads

NH 782 FORAGE HARVESTER
Featuring THE METALERT™ NEW FOR '83!

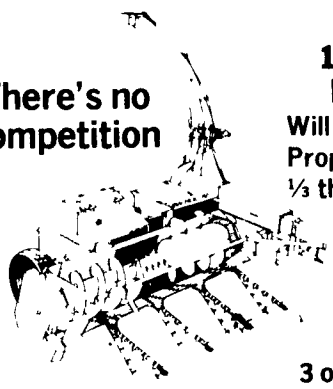
The exclusive Metalert™ electronic metal detector prevents costly damage to the cutter head.



There's no competition

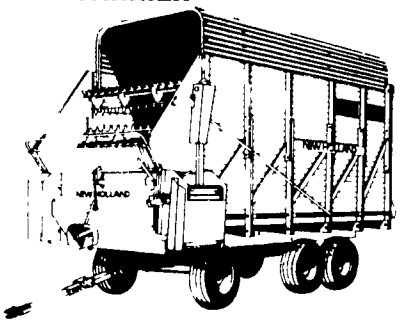
NH MODEL 1600 FORAGE HARVESTER

Will outcut most Self-Propelleds for about ⅓ the cost.



3 or 4 Row Corn Head

NH #8 CROP CARRIER

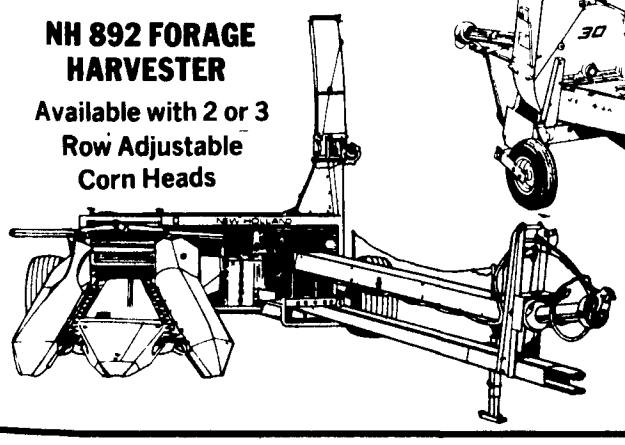


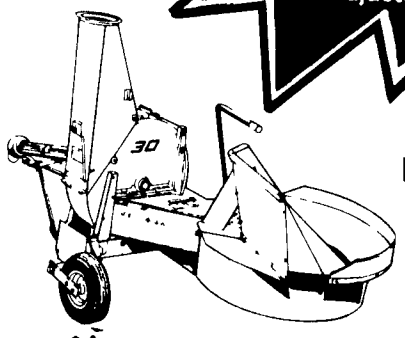
12 Ton Running, Flotation Tires

Features:
- Front & Rear Unload
- Worm Gear Drive
- Variable Speed Control
- Heavy Duty Chains

NH 892 FORAGE HARVESTER

Available with 2 or 3 Row Adjustable Corn Heads

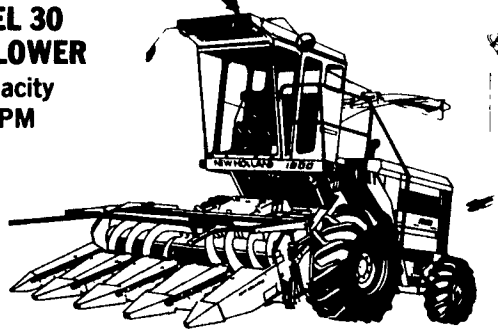




NH MODEL 30 FORAGE BLOWER

High Capacity 1000 RPM

SEE THE NEW HOLLAND DISPLAY AT AG PROGRESS DAYS



NH 1900 FORAGE HARVESTER

A New Giant, 250 H.P. Strong

NEW PROGRAM:
- WAIVER OF FINANCE on HAY EQUIPMENT Till July 1, 1985
- WAIVER OF FINANCE on FORAGE EQUIPMENT Till Sept. 1, 1985

OR LOW RATE FINANCING on NEW & USED EQUIPMENT

- 4.9% Financing For 1 Yr.
- 7.9% Financing For 18 Mos.
- 9.9% Financing For 24 Mos
- 11.9% Financing For 36 Mos.
- 13.9% Financing For 60 Mos. (Self-Propelled Units Only)

OR BIG CASH REBATES

NEW HOLLAND

MESSICK FARM EQUIPMENT, INC.

RHEEMS EXIT — RT 283, ELIZABETHTOWN, PA
PHONE: 717-367-1319, 653-8867
TOLL FREE IN PA. 1-800-222-3373
WARREN SPICKLER — HOME 653-4560
★ WE SHIP UPS

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
MESSICK FARM EQUIPMENT
(717) 367-1319
Also See Ad On Pages B24 & 25

SMITH'S IMPLEMENTS, INC.
Mercersburg, PA **717-328-2244**

NEW MACHINE SPECIALS

JD 7000 Cons. 4 & 6 row corn planters, Priced for quick sale
JD 27 Stock shredder. Reduced

USED MACHINERY

Case 1845, 1 wk. only. Special $9,500
Case 1570 Tractor, Cab, Dual Whls. Call For Price
JD 5460 Harvester w/new style Cutter Head & 4 Row Corn Head
JD 4020 Tractor, PS, Cab, nice shape
JD 716 wagons w/1275 running gears, nice shape. Reduced price if buy more than one
JD 800 Windrower w/12' head
JD 35 Harvester
JD 38 Harvester

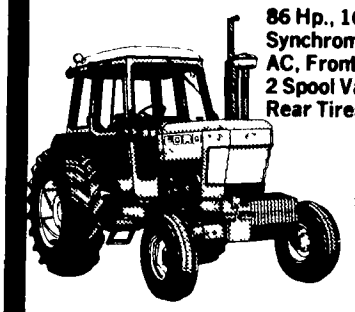
Call about our selection of used balers, plows & planters.

The Time Is Right... The Price Is Right!!

Specials On New Ford Tractors!

Ford Tractors Equipment

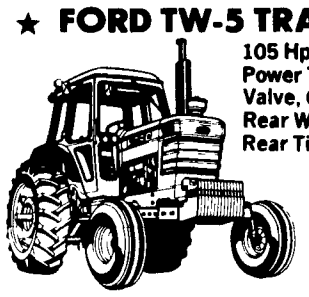
★ **FORD MODEL 7710**



86 Hp., 16 Speed, Synchromesh Trans., Cab, AC, Front & Rear Weights, 2 Spool Valve, 18.4x34 Rear Tires

List $38,548
SALE
$26,400

★ **FORD TW-5 TRACTOR**



105 Hp., 16-Speed, Dual Power Trans.,3 Spool Valve, Cab, AC, Front & Rear Weights, 20.8x38 Rear Tires

List $46,707
SALE
$32,500

See Or Call us For FORD SALES & SERVICE!

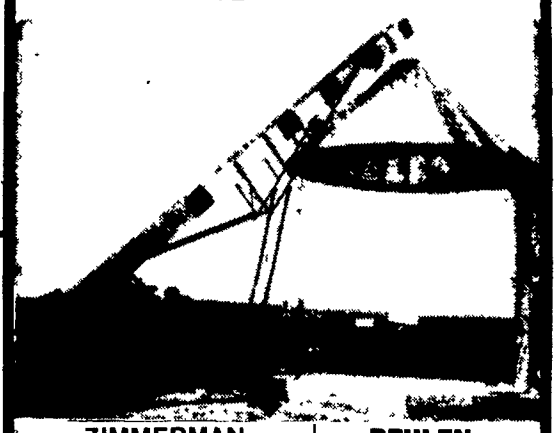
Call Ray or Ed
(301) 734-7722
or
(301) 879-1434

WALTER G. COALE, INC.
2849-53 Churchville Rd.
Churchville, Maryland

WISCONSIN ENGINES *Sales & Service*

AVCO VM Diesel

ADAPTABLE TO MOST APPLICATIONS



ZIMMERMAN PORTABLE ELEVATORS
Will Carry Your Corn & Hay
32 ft..... $1510
36 ft..... $1740
Also Available Every 4 Ft. (28' to 48')

BEHLEN CORN CRIBS
SPECIAL

865 BU.	1085 BU.
$860	$925

USED EQUIPMENT
- McCurdy Corn Drag $300.00
- Oliver #5 Cornpicker $500.00

TRACTORS
- 930 Case Comfort King
- 930 Case Standard w/Pulley
- Farmall 560 Gas
- 660 Int. Diesel
- Farmall 560 Diesel

SALES & SERVICE

MILLER'S REPAIR
1 Mile North of Bird-in-Hand
8 Miles East of Lancaster
RD1, Bird-in-Hand, PA Ph: 717-656-6109

MF Massey Ferguson

MF 285 8 Speed
IH 154 Cub w/Mower
AC WD
Woods RM 306 Mower
MF 725 7' Mower Conditioner
IH 37 Baler w/Thrower
IH 540 Manure Spreader
MF 1010 4WD Trac. w/Mower
NH 271 Baler w/Thrower
(1) NH 469 Haybine
(2) IH Hay Conditioners
NH 36 Crop Chopper
IH 8 Crop Chopper
NH 717 Harvester
AC Forage Harvester
NH 16' Forage Box
JD Hay Tedder
Gehl 65 Grinder Mixer
Gehl 2600 Skid Loader
Brillion 24' Field Harrow
MF 300 Combine
MF 205 Combine

NEW HOLLAND

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

JOHN DEERE

JD 4630 Tractor
JD 4440 SGB
JD 4430 Tractor w/roll guard
JD 4020 Side Console, WF
JD 4010 w/WF
JD 2640 Tractor
JD 2840 Tractor w/year round cab
JD 850 Trac.
MF 65
Oliver 1950 Tractor
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 1240 4R Plateless Corn Planter
NI 325 2R Picker Sheller
NI 323 1 Row Corn Picker
JD 3800 Chopper w/2R corn head
JD 24T Baler w/ejector
JD 110 Disc
JD B Plane 15 Disc Grain Drill
NH Self-propelled Windrower
JD Kilafor offset Disc
Taylorway offset Disc
JD FB Grain Drill
John Blue 400 gal. Applicator
John Blue 1000 gal. Nurse Tank
JD 4400 Combine w/Platform & C.H.
Used JD 6600 Sidehill combine w/plateform & 643 corn head
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 244 Corn Head
NI 279 Cut/ditioner
JD 10' Pull Type Chisel Plow
JD 1450 4B Plow
JD F145 5B Plow
IH 5B Plow
IH 6B Plow
JD 2 Bottom Plow
NH Rake
JD 660 Rake
Used Hay Wagon
Used JD 115 Chuck Wagon
Used JD 112 Chuck Wagon

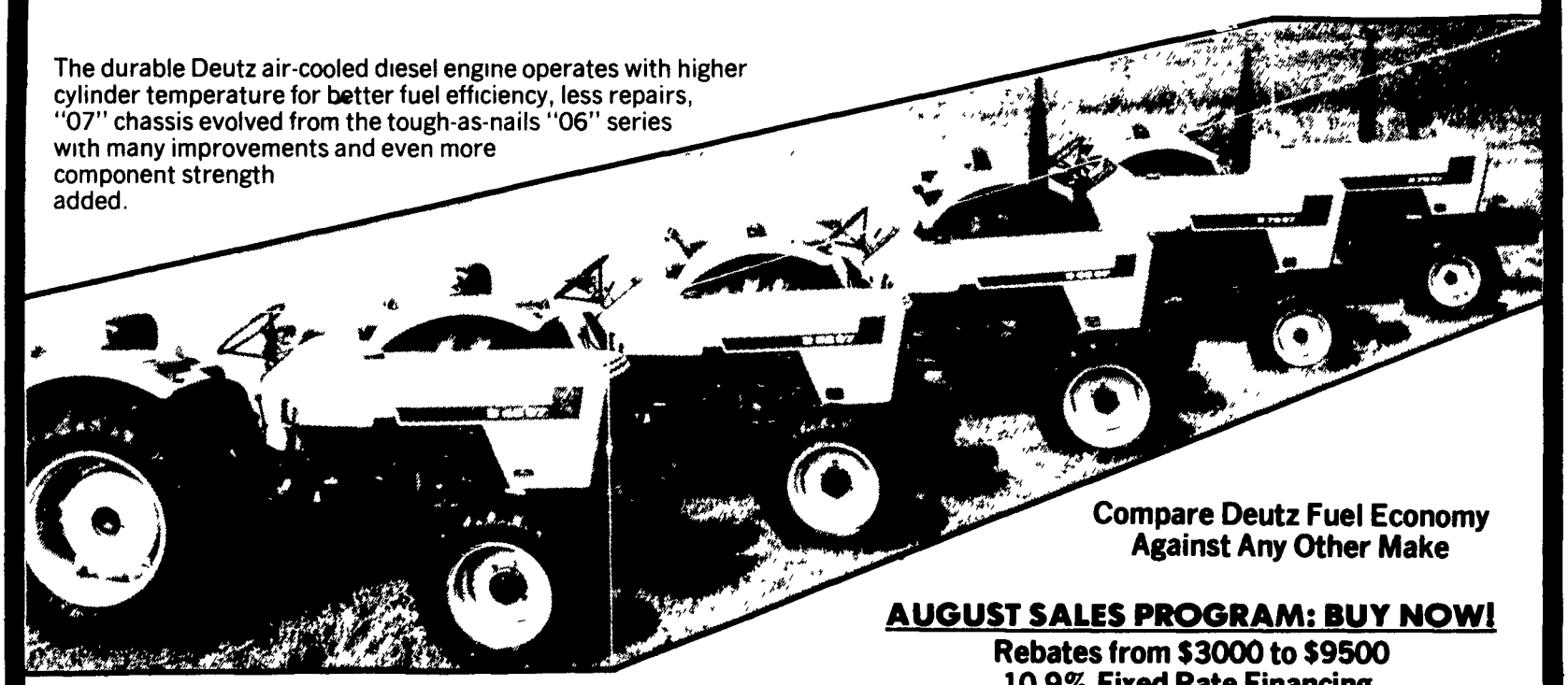
ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

TAKE ANOTHER LOOK AT THE DEUTZ '07 SERIES

DEUTZ FAHR

Five Great High-Performance, Fuel Efficient Tractors
45 to 75 HP Range, All In 2WD or 4WD Models

The durable Deutz air-cooled diesel engine operates with higher cylinder temperature for better fuel efficiency, less repairs, "07" chassis evolved from the tough-as-nails "06" series with many improvements and even more component strength added.



Compare Deutz Fuel Economy Against Any Other Make

AUGUST SALES PROGRAM: BUY NOW!
Rebates from $3000 to $9500
10.9% Fixed Rate Financing.

Specifications

Model	D4507	D5207	D6507	D7007	D7807
Horsepower	43	51	60	68	73
Cylinders/Displacement	3/172	3/172	4/230	4/230	4/249
Aspiration	Natural	Natural	Natural	Natural	Natural
Speeds	8 forward	8 forward	8 forward	12 forward	12 forward
Gear Synchronization	None	All	All	All	All
Brakes	Mech.	Disc	Disc	Hyd. drum	Hyd. drum
Hyd. Flow	10.6 gpm	10.9 gpm	11.6 gpm	17.7 gpm	18.4 gpm
Power Steering Type	H.A.	H.A.	H.A.	Hydro	Hydro
PTO Clutch	Indep.	Indep.	Indep.	Indep.	Indep.
3-pt. Lift Capacity Lbs.	4200	4387	5292	5733	5733
Bare wgt. 2WD/4WD	4673/5291	5203/5820	5578/6393	6305/7121	6614/7429

SOLD AND SERVICED BY THESE RELIABLE DEALERS

STAUFFER DIESEL INC.
312 W Main St
New Holland, PA 17557
(717) 354-4181

DILTS FARM EQUIPMENT
RD #2
Marion Center, PA 15759
(412) 286-9606

REICHS FORD TRUCK & TRACTOR
8016 Reichs Ford Rd
Frederick, MD 21701
(301) 662-7622

MESSICK FARM EQUIPMENT, INC.
Rheems Exit, Rt 283
Elizabethtown, PA 17022
(717) 367-1319

IVAN J. ZOOK FARM EQUIP.
Box 5 Star Route
Belleville, PA 17004
(717) 935-2948

J & M MACHINERY CO.
Rt 22 & 819
Greensburg, PA 15601
(412) 668-2276

TORQUE AMPLIFIERS, ETC.

Serving Customers in 20 States Coast to Coast.

Complete TA assemblies for 706-1586 are priced at $595 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 years against failure.** Sprag kits (includes sprag gear, Dana sprag, and piston carrier) and all items for rebuilding your own TA are available to qualified persons Ramps and carriers for the older style TA's (as in SMTA, 340, 560) are priced at $150 each and carry a 90 day guarantee We have all the parts needed to rebuild your TA in stock at prices that will save you money We also have a shop available for complete TA installation Or, you may split your own tractor and bring the center housing to us, which we can rebuild while you wait (approx 4-6 hrs) We also stock New and Rebuilt Water Pumps, Dynlife Clutches, Pressure Plates, and PTO Drive Gears, (Spline-fit into pressure plates) for most IH tractors and combines

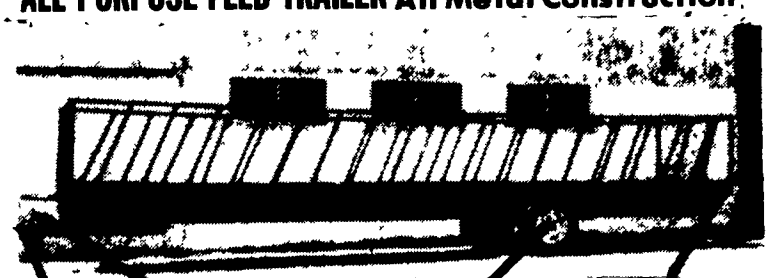
— QUALITY USED PARTS —

We buy and sell used parts and parts tractors We have a good selection of quality used parts at competitive prices Please have part no when calling, if possible

Dealer Discounts Available

LEAMAN TRACTOR PARTS
Box 250
Willow Street, PA 17584
717-464-2874

ALL PURPOSE FEED TRAILER All Metal Construction



Hitch Slide away hitch to prevent cattle from injury

Jack Fold up bulldog for easy hookups

Bearings Tapered roller bearings for long lasting & easy towing

Reflectors SMV sign for safe towing on highways

* Length 24' & 30' + hitch
* Cattle can eat out of all 4 sides
* For feeding in pasture or barnyard
* Suitable for feeding cows, heifers, steers etc.
* Ideal for feeding from bulk silo or Ag Bag
* Easy to tow behind pickup or tractor.

Priced At
24' — $695
30' — $825

BARTVILLE WELDING SHOP
Rt. 1, Christiana, PA
(at Bartville) 17509
Call Bob Miller
717-687-8217

LEROY ZIMMERMAN
Rd 2, Box 148
Ephrata, PA 17522
717-859-3869

Better by Design
ALLIS-CHALMERS
AGRICULTURAL EQUIPMENT

CASE 1490, showroom cond. 800 hrs., priced right.

AC 440, cab, air, 3 pt. hitch, Triple remotes, 10 Ply, 28 L 26 rubber, Cummins dsl., TA 4510 trans. Less than 200 hours.

CHECK THESE TILLAGE VALUES

New-AC 2311 Disc Harrow Special..... $3500
New-AC 2309 Disc Harrow Special..... $3000
New AC-10 ft. Field Cultivator..... $1200

TRACTORS

AC 7040D	AC 440	AC CA	JD 2010
AC 7045D	AC XT190D	AC 5040D	MF 65G
AC 7050D	AC 180D	AC 5050D	Case 1490
AC 7020D	AC 175D	IH 806	JD 450 Crawler
AC 7010D	AC D19D	IH 340	Case 450
AC 7000D	AC D14	IH 140	Oliver 1650D

NEW & USED EQUIPMENT

New and Used Miller Discs and AC Discs
14T J.D. baler and engine
Farmhand grinder & blower
610 Bobcat Skid Loader
630 Bobcat Skid Loader
721 Bobcat Skid Loader
1000 OMC Skid Loader
371 Bobcat Skid Loader
Thomas Skid Loader
MC 600 Grain Dryer
65' 8" Transport Auger
AC L, M, F, G&A Combines
Uni Harvester 708 & 702
708 w/combine

Call Us for Special Prices on Tractors & Corn Planters

GRUMELLI FARM SERVICE
Quarryville, Pa. 717-786-7318

bobcat

ALLIS CHALMERS

B&R FARM EQUIPMENT

NEW EQUIPMENT

NH 363 Tank Spreader Special Price. Call For Details
AC 2500 Disc 10 ft. 10 in.
AC 8010 PS w/20.8x38 Radials
(3) AC 6080 2 WD
(3) AC 6080 2 WD
AC 16 ft. S-Tine Field Cultivator

USED TRACTORS

AC 175 Diesel
IH 986 Diesel w/cab
MF 1135 Diesel w/cab, heat & air
AC 7040 w/Cab, Heater & Air
AC 160, Coming In

USED HAY & FORAGE EQUIPMENT

2 NH 717 Forage Harvesters
JD Tank Spreader
AC Model F Combine w/13' Grain Head -
IH 555 Forage Harvesters
Hesston 420 Self Propelled Mower Conditioner
Gehl 300 Forage Harvester
Gehl 600 Forage Harvester
MF Hay Rake
NH 77 Baler w/ Motor Thrower
JD 24T Baler w/ Kicker
NH 268 Baler
NH 269 Baler
Lely 4 Wheel Rake

SPREADERS

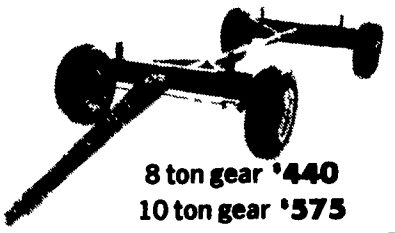
NH 518 2 Beater
NH 513 2 Beater w/Hyd. Endgate

MISCELLANEOUS

AC 460 Loader w/2 Buckets (Will fit AC 6060 or 6080 Tractor)
NH 880 2R Corn Head

RD 1 Beavertown, Pa. 17813
717-658-8175
717-658-8185

WAGON GEARS



8 ton gear $440
10 ton gear $575
12 ton tandem axle gear $900
Gears w/8"x15" rims 5' tongue
5'-7' Adjustable Tongue $25 extra

AARON M. WENGER
Box 752 R.D. #3
New Holland, PA 17557
717-656-9876

NEW YANMAR TRACTOR SPECIALS

YANMAR

Limited Time Offer...

122 - 2wd Turf w/48" Mower	$3,995
147 - 4wd Turf	$5,325
147 - 4wd Ag	$5,195
180 - 2wd Turf	$4,995
186 - 4wd Ag	$5,725
220 - 4wd (SOLD)	$5,975
226 - 4 wd Turf	$6,675
336 - 4wd Ag	$9,295
226 - 4wd Turf w/Ldr. & Backhoe	$12,400
Loader for 220-226	$2,125
Backhoe Frame Mount For 180, 186, 220, 226	$3,600

Rt 501 11 Miles South Of Schaefferstown PA
PHONE (717) 949 6817
OPEN Mon Fri 8 8 Wed 8 12 Sat 8 5

MARTIN HARDWARE & EQUIPMENT CO. INC.

clean.

Clean-up on Values with MF Pressure Washers

You Save $81.55
$371.45 Special Price
MF 7555 Reg. Price $453.00
Nozzle Pressure 500-550 PSI, Concentrate
Capacity 2½ gal.

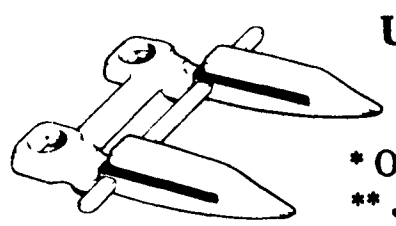
You Save $96.55
$456.45 Special Price
MF 7655 Reg. Price $553.00
Nozzle Pressure 600-650 PSI, Concentrate
Capacity 2½ gal.

Jobmatched

HARVEST SPECIAL

UNIVERSAL HAYBINE GUARD

Fits All New Holland, MF & Hesston Haybines



* O.E.M. ... 683 994 M1	$12.12
** J.M. 30 031 E1	$6.36
SAVINGS PER GUARD	$5.76

* O E M -Original Equipment Manufactured
** J M - Job Matched

OFFERS GOOD THRU AUGUST 31, 1984

MF Massey Ferguson

M.M. WEAVER & SON, INC.
Leola, PA 17540 (717) 656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church

MF 550 diesel combine, hydrostatic, air conditioning, 4 row narrow corn head, 13' grain and bean head.
215-267-6692

USED EQUIPMENT

TRACTORS

Oliver 1755 D w/cab
AC 5050 4-Wheel Drive

COMPACT TRACTORS

Kubota B6000 E with Woods RM 59 mower
Satoh S550 G

FORAGE

Farm Hand Grinder Blower

HAY TOOLS

NH 68 Baler w/thrower
NH 30' Elevator
(2) NH 469 Haybines

SPREADERS

NH 367 Tank Spreader (L.H.)

PLANTING & TILLAGE

Brillion 14' Transport Harrow
IHC 455 4-Row Planter
IHC 400 4-Row, No Til

NORMAN D. CLARK & SON
Honey Grove, PA 17035
Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt 75

USED EQUIPMENT
AUGUST SPECIAL
New 27 Flail Shredders

TRACTORS

IH 1066	$10,500
IH 656 D, Engine Overhauled	Special Price
JD 4440 w/SG, 500 hrs.	$30,000
JD 4020 w/PS, WF	$12,900
IH M Diesel	$ 1,200
JD A	$ 1,100
IH 1486 w/Duals	$19,500

COMBINES

82 JD Sidehill w/15' Flex Head	$69,000
MF 300 w/Heads	Coming In
78 MF 750 w/Heads	$28,000
JD 105 w/Heads	$10,000
78 JD Sidehill	$40,000
68 JD 45	$ 5,000
White 8900 w/Heads	$29,000

PLANTERS

JD 6 Row Consv. w/Liquid Fert.	$ 9,000
JD 4R MAX-EMERGE	$ 4,500
JD 1240 Plateless	$ 1,500
AC 6 Row #333 w/Notill Coulters	$ 6,500
Brillion 10' Roller Harrow	$ 1,100

TILLAGE

Ford Field Cultivator	$ 1,750
Pittsburg 12' 3 pt. Harrow	$ 590

HARVESTING

(3) Grove Forage Wagons	$1,000 each
(2) Gravity Wagons w/running gears	
IH 720 Harvester w/2 Heads.	Coming In
NH Super 717 Harvester	
JD 3800 Harvester w/3 heads	$ 5,500
JD 1209 Mower/Conditioner	$ 3,500

JOHN DEERE

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

FOR SALE

Gehl forage wagon, 3 beater w/roof, 10 ton gear, SOLD excellent
IH 510 grain drill, single disk w/grass seed, like new
IH 2 row model 720 or 830 corn head, fits all late style choppers, used on 140 acres
JD 3 row wide corn head, fits late style pull harvesters and self propells.
NH #55 rake, reconditioned.
Country Boy Gravity Bins, 165 bushel. Special in August $475. net FOB Reistville, Pa

D.J. Implements
Reistville, PA
717-949-3074
or
Dayton, VA
703-879-9926

CORN PICKERS

NI 323, stock #14112
NI 323, stock #15355
NI 323, stock #15507
NI 324, 12 roll, stock #13271
NI 311, stock #16235
NI 319, 2 row mounted, stock #16213
NI 304, 2 row mounted, stock #16234
NI 305, 2 row mounted on 656 IH, stock #13355
IH 1 row pull type, stock #16248

CORN HARVESTERS

NH 800, 1 row, stock #9359
NH 616, 1 row, stock #1237
IH, stock #11162
JD 35, 2 row, stock #16629
NH 717, 1 row, stock #16828

KEENER EQUIPMENT, INC.
Located at intersection of Rt. 72 and 283
1531 Manheim Pike
Lancaster, PA 17601
717-569-9861

We as a Berg Dealer have taken on **ROSKAMP** dealership.
Roller Mixer Mills available in any size to fit your needs. Good discount prices throughout Sept. and Oct. These mills have extra strength, heavy weight, solid rolls.

Serving York Co. & Joining Counties Including Northern Maryland.

We also took **STEINER** dealership which has a Roll-A-Mix series feed mixer tanks. Sizes to fit your operation. 133 cubic ft. thru 600 cubic ft. tanks. Can be mounted on trucks or the trailer type. Also portable feed cart w/hydrostatic drive & Wisconsin engine.

BERG
BUILDS EVERYTHING BETTER FOR BARNS

Call for price estimate
717-764-0494
Joseph Fisher and Sons
York, PA

BERG EQUIPMENT ALSO AVAILABLE

MF
Massey Ferguson

M.M. WEAVER & SON, INC.
Leola, PA 17540 (717) 656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

USED COMBINES
SPECIAL MONEY-SAVING FINANCING
Buy now & finance with MF at a low 9.9% APR... or choose waiver of finance charges to Dec. 1, 1984 on selected used combines.

- 1980 MF 760 Hydro V8 with 15 ft. Grain Table and Grain Saver . . . $52,000
- 1978 MF 550 Hydro Diesel with 4 Wheel Drive . . . $36,000
- 1977 MF 750 Hydro with Grain Saver . . . $26,000
- 1976 MF 750 Hydro with Grain Saver . . . $19,500
- 1976 MF 750 Hydro with Chopper . . . $27,000
- 1975 MF 760 Hydro V8 . . $24,000
- 1975 MF 750 Hydro $22,000
- 1975 JD 3300 Diesel with 13 ft. Grain & 2 Row Corn Head $17,500
- JD 343 Corn Head 3 Row 30" . . . $ 3,000
- 1975 MF 510 Diesel $17,000
- 1975 MF 760 Hydro V8 . . $24,000
- 1974 MF 760 Hydro 6 Cyl. . . . $22,000
- 1973 MF 750 Gear Drive with Grain Saver . . . $24,000
- 1973 MF 760 Hydro 6 Cyl. . . . $21,500
- 1972 MF 510 Diesel Gear Drive . . . $ 9,500
- 1972 MF 510 Diesel Gear Drive . . . $10,500
- 1972 MF 300 Gas . . . $ 8,500
- 1972 MF 510 Diesel Gear Drive . . . $12,500
- 1971 MF 510 Diesel . . . $12,500
- 1970 MF 510 Diesel . . . $10,500
- 1970 MF 510 Diesel . . . $12,500
- 1969 MF 510 Diesel . . . $11,500
- 1968 MF 510 Diesel . . . $ 8,000
- 1968 MF 510 Diesel Hydro . . . $12,500
- 1968 MF 410 Gas . . . $ 5,000
- 1966 MF 410 Gas . . . $ 2,500
- 1966 MF 510 Gas with Floating Cutter Bar . . . $ 4,800
- 1965 MF 410 Diesel . . . $ 4,500
- 1974 MF 300 Gas . . . $ 8,700
- 1964 AC CII Gleaner with Corn & Grain Head . . . $ 4,500
- 1960 AC A Gleaner . . . $ 1,500
- JD 45 with Corn Head . . . $ 1,500
- IH 303 with Grain & Corn Head . . . $ 1,500
- MH 82 with 10 ft. Grain Head . . . $ 1,200
- Above Combines Include Grain Tables Less Corn Heads 61 Corn Heads in 2, 4, 6 and 8 Row Size
- New Idea 2 Row 30" Pull Type Picker Sheller . . . $ 5,500

USED TRACTORS

- MF 4880 . . . $55,000
- MF 1100 Diesel . . . $ 5,500
- MF 1150 . . . $ 6,500
- MF 290 65 HP . . . $12,900
- MF 255 w/Loader . . . $ 8,500
- MH Pony Cultivator & Plow . . . $ 2,000
- Farmall M . . . $ 1,800

NEW EQUIPMENT IN STOCK

- Century Sprayer
- York Blades
- Farmhand Rake
- Glenco Field Cultivator
- Dunham Cultimulcher
- MF auto reset 3 pt. 3x16" plow - special price $2,500

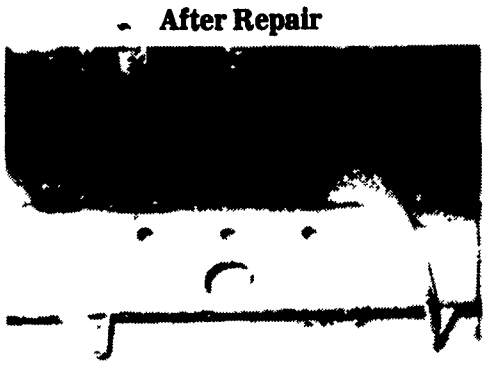
USED EQUIPMENT

- NH 10' Offset Disc. . . . $ 4,200
- Glenco 9 tooth soil saver. $ 6,700
- White 216 plow . . . $ 575
- Oliver grain drill
- Miller 10' offset disc . . . $ 2,000
- Kewanee 18' hydraulic wing disc . . . $ 3,200
- NH 707 harvester . . . $ 1,400
- JD 1 row corn binder . . . $ 600
- Fella hay tedder . . . $ 1,200
- JD 8' disc . . . $ 400
- Stanhay seed planter . . . $ 800
- MF 345 416 spring trip plow . . . $ 1,700
- MF 82 416 spring trip plow . . . $ 600
- MF 3 pt. fork lift . . . $ 700
- MF 730 offset 13' disc . . . $ 3,500
- Ontario 16 grain & fertilizer drill . . . $ 900

SCHMIDT
"HEAVY DUTY REBUILT TABLE AUGER"

Before Repair

After Repair



Damaged Or Broken Combine Table Augers Rebuilt Same As New!

No need to purchase a new auger when you can buy one that's rebuilt! Or have your auger repaired for less than one half of the new auger price!

Rebuilt augers are guaranteed to run true!
"They are jig repaired."

We Can Rebuild All Makes Of Augers

Call Now For Appointment And Price Quotation To Have Your Auger Repaired

M.M. WEAVER & SON, INC.
Leola, PA 17540 (717) 656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

NOTICE
Potato Growers

Clements Supply Company
Clayton, Delaware
Handles Lockwood Potato Equipment
* Sales * Serivce * Parts

Contact Us At
302-653-8536
for your needs

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
SAMUEL DIXON JR.
(302) 653-7232
Also See Ad On Pages B24 & 25

USED BELTING MATERIAL RUBBER MATS FOR

Comfort stalls, Free Stalls
Horse Stalls, Horse and Cattle Trailers,
Hog Houses

Paul N. Brubacher
215-286-5298

---

(1) JD A-20 Corn Cultivator, $350
(1) 10' E-Z Flow Spreader
(1) 3,000 gal. steel fuel tank, $200
(1) Flail Pickup attachment for NH Corn Baler

215-356-5305

PUMPS

IRRIGATION - WASTE - MANURE - FIRE - INDUSTRIAL
* SWIMMING POOL PUMPS *

SPECIAL
HALE 400 GPM
Deere Diesel $5975

NEW & USED

Parts & Service
Gorman-Rupp, Hale, Berkeley, Marlow, CMC, Hypro, Cat

PVC PLASTIC PIPE

REYNOLDS ALUMINUM PIPE

Irrigation, Repairs & Gaskets for:
RACE, WOSCO, WADE, IRRECO, CHAMPION, SHUR-RANE, McDOWELL, RAINBOW, A-M AND OTHERS

SPRINKLERS: Rainbird, Nelson, Skinner

MURPHY SAFETY PUMP CONTROLS

"We Deal in Solutions"

EECO, INC.
4021 N. 6th St., Harrisburg, PA 17110
717-238-9423

John Deere design, dependability and dealers make the difference

Quality Used Equipment

- **TRACTORS**
JD 8430 PTO, 3 pt.
JD 4250 Cab, PS, 95 Hrs.
JD 4020
JD 2640 D
JD 1530 D w/145 Loader

- **HAY & FORAGE**
(2) JD 3800 Forg. Harv. w/2 RW Corn Head

- **PLANTERS**
AC 4 row 330 Mon., Insec.
JD 7000 6 RN, No-Til, Dry Fert., Auger Fill

- **COMBINES**
JD 7700 [SOLD] o., Rotary Scr[SOLD] 2500 hrs.
JD 15 ft[SOLD] Platform
JD 16 ft. Rigid Platform
JD 444 Corn Head

- **TILLAGE**
JD 210 Disk 12'10"
Ford 24' Disk
Brillion 12' Chisel Plow
JD 27 F[SOLD] edder

- **LAWN & GARDEN**
GE Electric
JD 66 Rider
JD 100 8 h.p.
AC 420 20 h.p.
AC 410 10 h.p.

—Cooper Ent., Inc.—
"We Cater To All Farmers, Big or Small"
CECILTON, MD

Phone
(301) 275-2195
(301) 648-5416
(301) 755-6608

Evenings Call
Gary (301) 885-2248

GAS & DIESEL ENGINE REPAIR

LOMBARDINI
- Experience
- Reasonable Rates

DIESELS SALES & SERVICE
New & Used Gasoline & Diesel Engines
Briggs & Straton Engines
BRIGGS & STRATTON

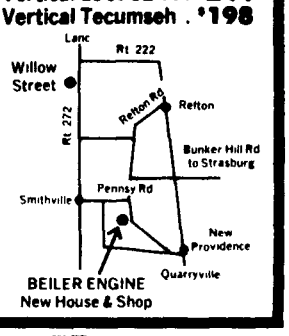
Kawasaki

3 hp 80202	$116	3½ hp Vertical 92505	$109
5 hp 130202	$149	8 hp Vertical 190702	$244
5 hp 130292	$143	8 hp Vertical Tecumseh	$198
8 hp I.C. 195436	$241		

Limited Supply on BRIGGS & STRATTON ENGINES
(UPS, Shipping add 5%)

KENDALL MOTOR OIL

BEILER ENGINE SERVICE
245D PENNSY RD.,
NEW PROVIDENCE, PA
Check Our Prices
While Supplies Last



Weaverline

COB CORN GRATE

for **M-F** 750/850 760/860 **COMBINES**

REPLACE THE REGULAR CORN SIEVES IN YOUR COMBINE WITH A WEAVERLINE COB CORN GRATE

★ **Save More Cobs.**
★ **Keep Out Corn Leaves And Husks**
★ **Extremely High Capacity**
★ **Simple, Rugged Design**
★ **Works Very Well On Hillsides**

IMPORTANT NOTICE

COMBINE (QUESTION & ANSWER) SEMINAR
To Be Held At Ag Progress Days

TUESDAY, AUGUST 21 2 P.M.
WEDNESDAY, AUGUST 22 2 P.M.

MF Massey Ferguson
Located At The MF Exhibit On East 3rd Street
Don't Miss This!!

M.M. WEAVER & SON, INC.
Leola, PA 17540 (717) [illegible]
Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the Youth Conference Road, 1 mile on the right, opposite Conestoga Mennonite Church.

USED TRACTORS

JD 4430 cab, air, Quad range sharp
JD 4430, power shift, roll guard
JD 4320, w/cab
JD 4230 cab, air, Quad range
JD 4520 w/cab & duals
JD 4230 w/roll guard
JD 4020, power shift
JD 4020 Syncro w/cab
JD [SOLD]
JD 2840 w/cab
JD 2640
JD 2240
JD 2[SOLD]iesel
JD 2020 diesel
JD 2510
JD 3020 Diesel, Syncro
JD 950 1000 hrs.
Int. 1086 cab & air
Int. 986 cab & air
Int. 886 cab & air
Int. 1066 w/cab
IH 966, cab and air
IH 1026 hydro
IH 766 w/cab
IH 656 wide front
IH 574
IH 284 w[SOLD]wer
Ford 9600 w/cab & duals
Ford 535 w/loader 1,000 hrs.
Ford 5000
Ford 4000
Ford 3000 Diesel Sharp
Ford 2600
Ford 2000
Ford 850
AC 7030
AC XT 190 w/cab
AC 210 diesel
MF 1105
David Brown 1200 w/loader

GRINDERS & MIXERS

Gehl 120
Gehl 95
Gehl 65
IH 1150

USED COMBINES

Oliver 525 w/2 heads, exc. cond.
NI 702 tractor w/710 combine
NI 702 w/chopper & 3 row head
JD 4400, 1979 model, sharp
JD 6600 diesel
JD 4400 gas
MF 410 hydro.

USED PLANTERS

JD 7000 4 row liquid fertilizer

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head
Fox 2000
Fox Custom 90
NH 770 w/2 heads

MISCELLANEOUS

JD power till grain drill
NH 278 baler
1975 Chevy Tandem w/20 ft. grain body & hoist, PS, air brakes, Detroit 653 diesel
Keewanne 14 ft. Rock Flex Disc w/26" blades
JD 7 btm., on land hitch, hydraulic reset plow
JD 30 ft. Implement Trailer
Large selection of smaller discs
Large selection of plows from 3 to 7 bottom
Gehl 4400 skid steer loader
JD 1207 haybine
New Farmhand loaders for IH and JD tractors
NI 2 row wide pull type corn picker w/12 roll husking bed, excellent
Brillion 15' roller harrow, like new
New & Used rotary hoe's
Gehl 1500 Round Baler
NH 469 9' Haybine
JD tractor loader backhoe, excellent condition

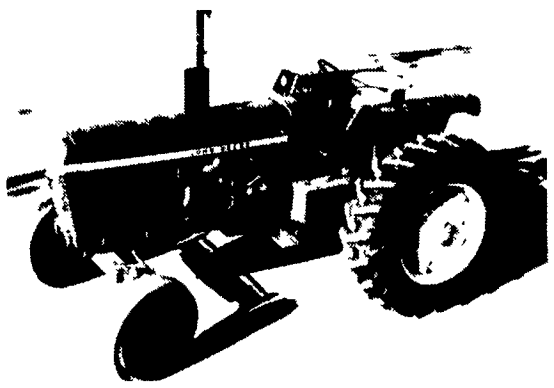
D & R EQUIPMENT INC.
Ringoes, New Jersey (201) 782-5082

Visit Our Display At
AG PROGRESS DAYS, AUG. 21-23
Located At West 2nd Street

Our Salesmen Will Be There To Help You

AG PROG SUMMI
Used Tractors

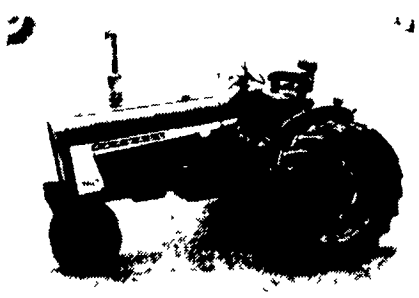
USED TRAC



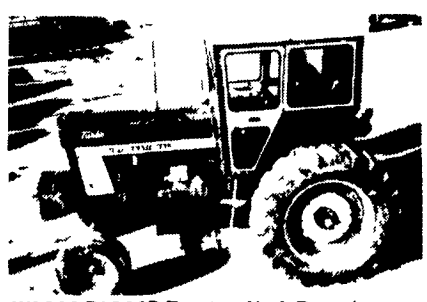
W9064 Deere 4230, Quad-Range, 2663 Hrs.

W8729 IH F1086D, 20 8x38 Tires, 3100 Hrs., ROPS Cab, Reconditioned

W8891 IH F986D Tractor, 18.4x38 Tires, Completely Reconditioned

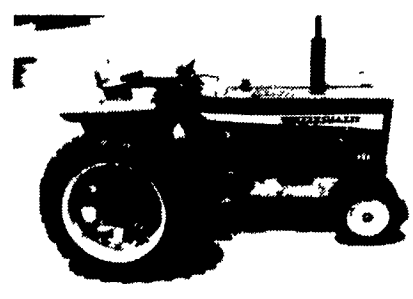


W8759 IH F706D, 16.9x38, 4289 Hrs., 3 Pt. Hitch



W9022 F1066D Tractor, Yr-A-Round Cab w/A.C., 3998 Hrs, Dual PTO

W8934 F1206D Tractor, 4602 Hrs., Dual PTO



W8863 - IH F656 Gas Hydro, 1969, Fast Hitch, Narrow Front.

COME TO AG PR
WHAT'S NEW FOR

KRAUSE

... Model 4924 ROCKFLEX DISC
- 20'11" width of cut
- Flex-wing medium duty

... Model 3122 LANDSMAN
- 22'6" Width of cut
- Minimum Til Soil Finisher

... Model 2413 ROCKFLEX DISC
- 23' width of cut
- Heavy Duty flex wing
- Primary or Minimum Til Disc

... Model 2242 ROCKFLEX DISC
- 12'3" width of cut
- Medium Duty Disc

STE

... CM225 BE CAT
- 225 PTO
- Cat 3306 ine

... CS 325 PA HER
- Allison Au ati
Transmi n
- 325 HP 3 En

VER

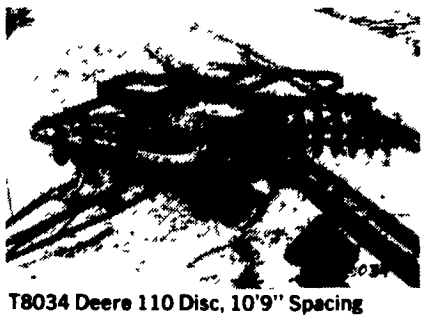
... 256 Loade acto
- See Ad on e D

... 835 4 WD T CTO
- PTO Full- er
- 250 Cum s En

ALL SHOW MACHINES PRIC D

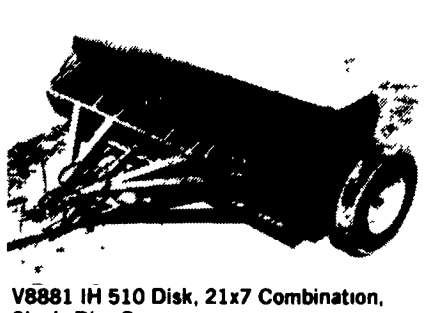
USED TILLAGE

T8693 Glencoe 13 Shank Soil Saver, 16 ft.

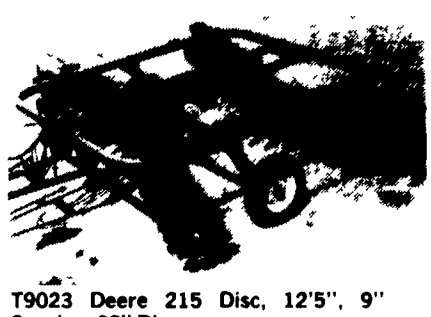


T8034 Deere 110 Disc, 10'9" Spacing

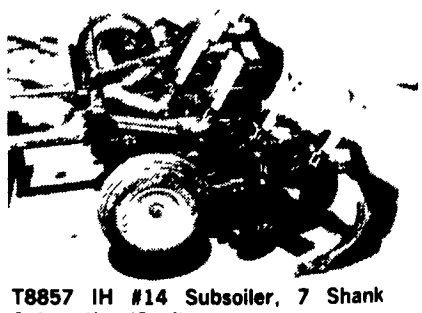
U7752 - New Holland 27 Blower, Re-conditioned.



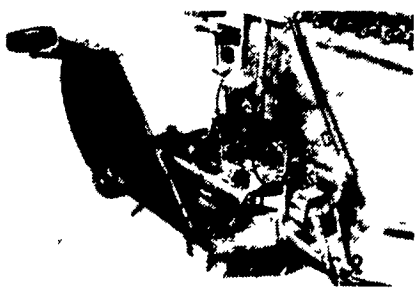
V8881 IH 510 Disk, 21x7 Combination, Single Disc Openers



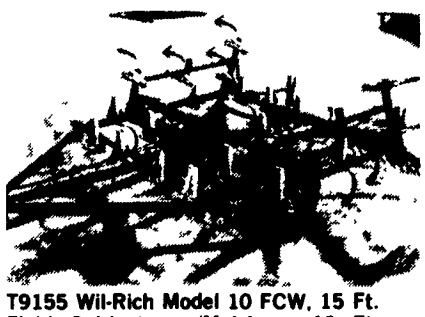
T9023 Deere 215 Disc, 12'5", 9" Spacing, 22" Discs



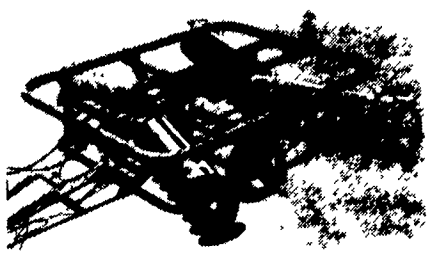
T8857 IH #14 Subsoiler, 7 Shank Automatic w/Coulters



U8991 Rhino Flex XV Cutter, 540 RPM



T9155 Wil-Rich Model 10 FCW, 15 Ft. Field Cultivator w/Mulchers, 13 Ft. Transport Width



T9074 Deere Model 210 Disc, 12 Ft., 9" Spacing, 20" Blades

6493

T6493 Glencoe 11 Shank Soil Saver, 13'6"

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

C. B. HOOBER &

VISA

INTERCOURSE, PA (717) 768-8231

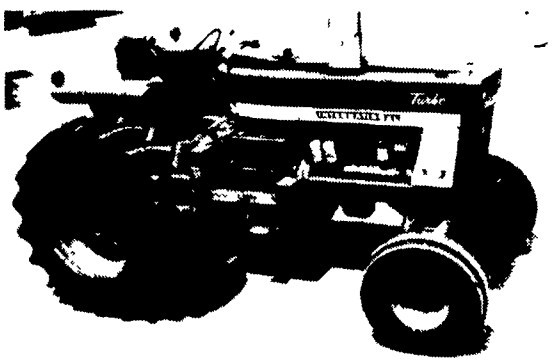
MI DI

GRESS DAYS
IR SALE
s and Equipment

Our Used Equipment Will Be
PHOTO-DISPLAYED
At Ag Progress Days

D TRACTORS

W9434 - IH F1066D, 1976, 1742 Hrs., 23 1x34 Tires



W9236 - IH F1466D, 24.5x32 Tires, Dual PTO, Aux Fuel Tank

W9124 - IH F1586D, 1981, 1163 Hrs , 20 8x38 Duals, Dual PTO

PROGRESS TO SEE
OR 1985 AT HOOBERS

STEIGER

25 BEARCAT IV
PTO
3306 Engine

25 PANTHER IV
Non Automatic
Transmission
HP 3 Engine

VERSATILE

Loader Tractor
Ad on Type D11

WD TRACTOR
Full-Power
Cummins Engine

BLUE

... JOHN BLUE L 7410
500 GAL. SPRAYER
- 40' Boom & L-4905 Ground-Driven Pump

FARMBILT

... 18' STEEL BALE WAGON
- 8 Ton Gear w/9.5Lx15 Tires

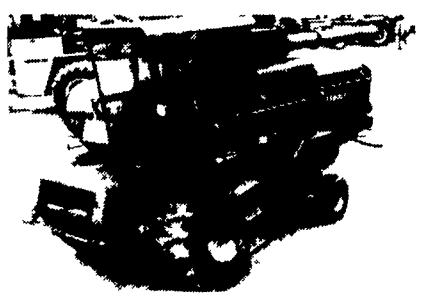
FMC Bean

...D010E200 F SPRAYER
- Fiberglass Tank
- 10 GPM High Pressure Pump

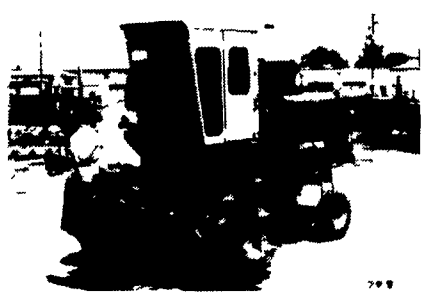
RICED TO SELL AT AG PROGRESS

USED COMBINES

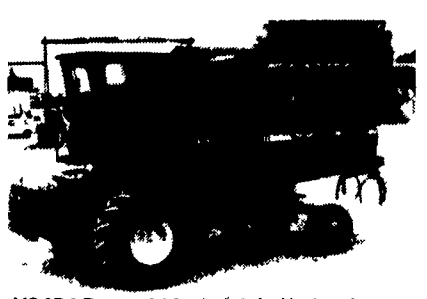
U9037 IH 715D Hydro, 18.4x26 Tires



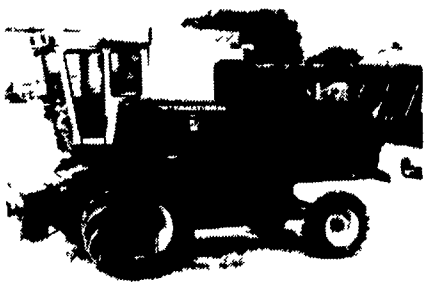
U8742 MF 510 Gear, A/C, 44 Cornhead & 13' Platform



U7818 IH 715D Hydro, A/C, Monitor, 18.4x26 Tires

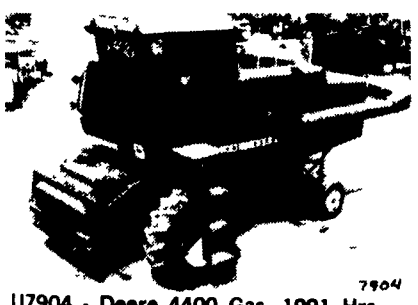


U9454 Deere 6620 Sidehill, Hydro, 319 Hours, 1982, 6 Row Cornhead, 13' Flex Platform

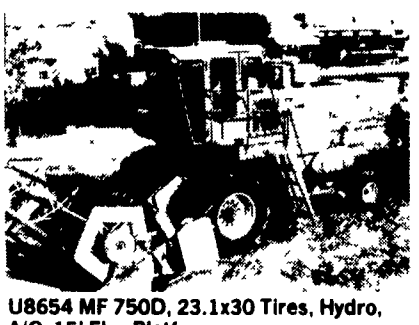


U9416 IH 915D Hydro, 67.0x34.00x30 & 14.9x24 Tires, 1782 Hrs.

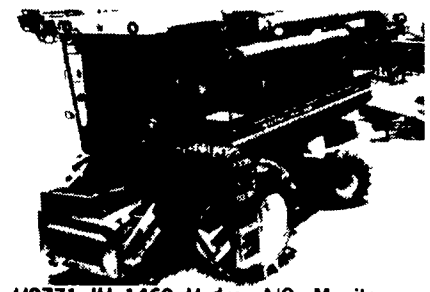
U7737 Deere, 6600 Diesel, Gear, 28Lx26, 443 Cornhead & 215 Platform



U7904 - Deere 4400 Gas, 1991 Hrs. 18 4x26 Tires With 13' Platform



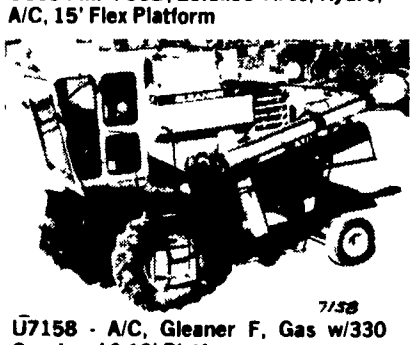
U8654 MF 750D, 23.1x30 Tires, Hydro, A/C, 15' Flex Platform



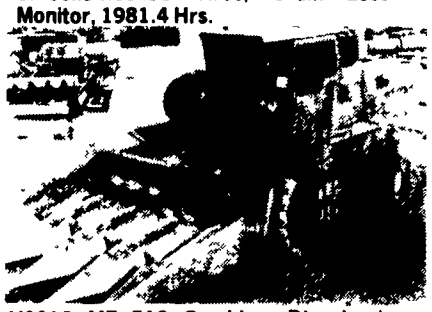
U8771 IH 1460 Hydro, A/C, Monitor 67.00x34.00x30 Tires, Grain Loss Monitor, 1981.4 Hrs.

U9292 IH 1460 Hydro, A/C, Monitor, 28Lx26 tires, 2459 Hrs.

WAIVER OF FINANCE ON COMBINES
till January 1, 1985



U7158 - A/C, Gleaner F, Gas w/330 Cornhead & 13' Platform



U8010 MF 510 Combine, Diesel w/ 1143 Cornhead

U7961 IH 9150, 28Lx26, 12.4x16 Tires, A/C, Monitor, AHC, 1475 Hrs.

& SON INC.

MIDDLETOWN, DE. (302) 378-9555

★ RADIO CONTROLLED TRUCKS FOR BETTER SERVICE.
★ AUTHORIZED U.P.S. SERVICE.

Vicon

HESSTON FARM EQUIPMENT

Fastest Cutting Mower Conditioner In The World

1 Vicon KM240	$7,885
Vicon Rake and Tedder	$675
1 Vicon V Rake	$1,695
Vicon Fertilizer Spreaders & Tedders	Super Discounts.
New Vicon and Hesston Round Baler	$5,650
New Hesston 1091 With 5 Bat Reel	$7,200
New Hesston 1014 12 Ft.	$10,500
New Hesston 4600 Baler w/Thrower	$8,300
Used Hesston 1014 12 ft.	$2,800
Hesston pt. 7 $1,700 PT10	$1,900
Used Hesston Round Baler	$2,200
IH 550 2 Heads	$1,500
Gehl 600 2 Heads	$2,000

See Erdley At Pa. Ag Days For Super Discounts

Vicon

Largest Dealer in Central Pa.

Erdley Farm Supply
RD 1 Lewisburg
Shop 717-524-2410
Night 524-2408

"TRUCKLOAD PRICES"

10 YEAR LIMITED WARRANTY

FROM A COMPANY THATS BEEN IN BUSINESS OVER 37 YEARS

$7.45 PER FOOT 2 PADDLES

FOR A LIMITED TIME ONLY

NEED A BARN CLEANER REPLACEMENT CHAIN ?
. . . CHECK BADGER'S PRICE AGAINST THE LESSER QUALITY BRANDS

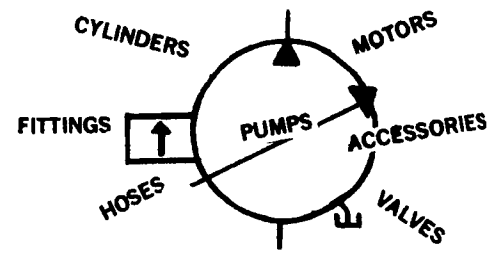
TOP OF THE LINE *DURA FORGED* CHAIN WITH HEAT TREATED *STEEL* FORGINGS, LARGE DIAMETER PINS, 5/16" THICK FLAT BARS, AND REPLACEABLE PADDLES AND WEAR HEELS.

Badger

See Our Display In The Badger Booth At AG PROGRESS DAYS

SHOW-EASE STALL CO.
573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536

HYDRAULICS
New & Used



Wholesale and Retail
SALES - SERVICE - INSTALLATIONS
(Hydrostatic Transmission Repairs)

Let us do your trouble shooting and system designing
WILL TRAVEL

BEILER HYDRA-MATICS
Box 587, RD 3, New Holland, PA 17557
(717) 656-2846
UPS Service

USED COMBINES

Waiver of Interest till January 1, 1985

- '73 JD 7700, hydrostatic drive, turbo, 16' platform
- '75 JD 7700 - Rotary Screen, 16' Platform
- '80 JD 7720 4 wheel drive, 220 flex cutterbar, 1450 hrs.
- '81 JD 8820 4 wheel drive, factory duals, 1100 hrs., with 220 flex cutter bar and 1243 corn head. Excellent Shape
- '74 JD 6600 gear drive w/15' cutter bar
- '79 JD 7720 4 WD 1400 hrs. 220 flex cutter bar
- '69 Allis Chalmers Model G Gleaner, 15 ft. cutter bar, 4 row corn head
- '72 JD 6600 Diesel w/13' Cutter Bar w/Hart Cart Flex Attachment
- '72 JD 3300 Diesel, 2,048 hrs., 13' Cutterbar

CORN HEADS

Good Selection of John Deere
443-444-643-644-843-1243 Cornheads

USED TRACTORS

- '77 JD 8430 w/dual 20.8x34 tires, 3 pt. hitch, PTO, 3 outlets
- '69 Oliver 1850

- '79 Steiger ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs. Reduced to $28,500.

CORN PLANTERS

- JD 7000 630 conservation planter w/no till coulters, dry fertilizer, auger fill monitor, insect. attachment

USED PLOWS

- JD F145-5-16 Semi Plow w/Harrow attachment

JD 125 Skid loader, diesel engine, utility bucket
List $18,900 Special Price $13,850

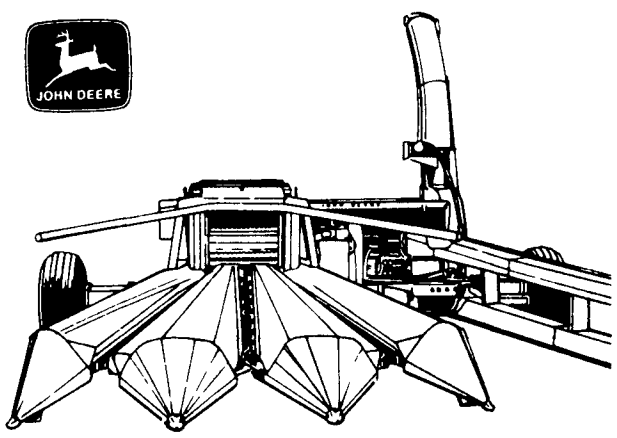
MISCELLANEOUS EQUIP.

- JD 210 14' disc harrow
- 1 Brillion 23' folding packer, crow foot wheels
- Graber 26' flex pull-type chisel plow
- 1 Brillion 4 row cultivator w/heavy spring shanks
- JD 653 row crop bean head, like new
- Bish head adapter to install JD corn head on NH TR70 combine
- JD 38 Harvester w/2 RW Head
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- (1) Brillion 15½ ft. field cultivator w/Midwest Harrow
- John Blue 300 gal. trailer sprayer w/hydraulic pump

W.N. COOPER & SON, INC.
Morgnec Rd. Rt 291
Chestertown, MD
301-778-3464

DEERE'S COMMITMENT TO YOU

At John Deere, your new machine buy has a solid backing of parts, service, and good trade-in value

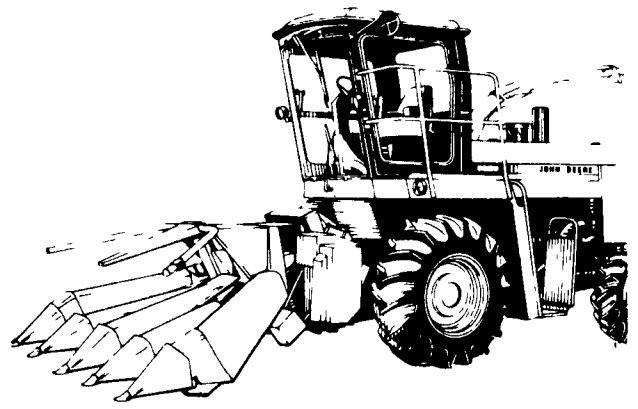


The Powr-Mizer forage harvesters offer an exclusive segmented-knife cutterhead

You get more than an ordinary chopper when you buy a John Deere 3940 or 3960 Powr-Mizer Forage Harvester Both models provide the latest in advanced technology

Like the segmented-knife Dura-Drum™ cutterhead Or the quick-adjust stationary knife you can set in minutes Or the 2-speed fan that lets you conserve horsepower and fuel with a slower speed in corn silage

Come on by our store and see all the advanced features of these Powr-Mizer forage harvesters



Time-Mizer self-propelleds feature big engine horsepower for greater productivity

Increase your productivity with one of the big diesel John Deere self-propelled forage harvesters.

These self-propelleds feature 40 segmented knives on a big 24-inch-diameter Dura-Drum™ cutterhead. The quick-adjust stationary knife lets you get the correct setting in just minutes

The 290-hp 5820 and 225-hp 5720 let you harvest more tons per hour, more acres per day for the efficiency and capacity you want Let us show you how the Time-Mizer design can increase your productivity

Specials Of The Week - 1983 Prices On Both These Units.
Waiver Of Finance Available
Used Equipment Sp als

JD 2630 Utility Tractor	6600 JD Combine w/Heads
JD 4440 Tractor w/Sound Guard Cab, PS Trans.	L2 Gleaner
JD 2350 Tractor w/Front Wheel Drive, Low Hrs.	L2 AC Combine w/2 Heads
H Int. Tractor	JD 95 Combine w/2 Heads
	JD 24T Baler w/#2 Ejector
	Int. 400 Baler w/Thrower
	Lilliston 14' Rotary Mower

Hours:
7:30 AM - 5:00 PM
thur Fri.
7:30 AM -
12:00 PM Sat.

OXFORD GREENLINE, INC.
RD 1, Oxford, PA
215-932-2753
215-932-2754

John Deere

John Deere design, dependability and dealers make the difference

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

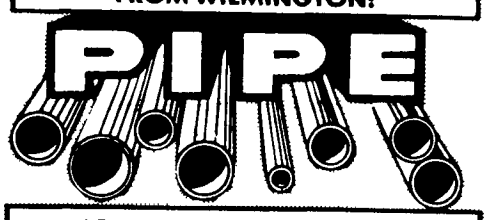
WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
HARDENRADER BROS.
(814) 354-2840
Also See Ad On Pages B24 & 25

H. SCHWARTZ & SONS, INC.

NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!



NEW USED and RECONDITIONED PIPE
STANDARD EXTRA & DOUBLE EXTRA HEAVY ALL SCHEDULES ALL TYPES FABRICATION THREADING CUTTING — WELDING
121 SO. MARKET ST. - WILMINGTON 19801
302-656-0276 or 215-DE1-4240

RENTAL SPECIALS - NEW EQUIPMENT

Landoll Soil Controller 7 Shank $4500

Amco F17 Disk Harrow 12' Cutting Width $5700

10% Financing on Used Ag Tractors

USED EQUIPMENT

TRACTORS
White 4-150
Ford 3000
AC D15/Loader
Case 730
Case 1390
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd 20 8x38
Case 900 w/Pulley
Case 2090 Cab
Agri Power 9000
AC-B, plow, cultivators
JD 50

NEW IDEA
325/314 Picker Sheller
323 Pickers
325/327 Pickers
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
763 Head

FORAGE
Gehl 99 Blower
Gehl 910 box/roof
Grove box
JD 3800 Harvester
Gehl RC 800 Recutter

INDUSTRIAL LOADERS
MF 20 Diesel
Case 480 Gas
Case 1737 Uniloader
Hough HFH

SPREADERS
NI 206
NI 213
NI 214
NI 218
NI 224
NH 371 Flail
JD 54

MISCELLANEOUS
Martin 2000 Liquid
NI 404 Rake
JD 1240 4RN
2 Row Hershey Transplanter
2 Row 3 pt. Mechanical Transplanter
Wetmore 878 Grinder Mixer
ArtsWay 420 Grinder-Mixer
JD 4 Bot Plow
Moridge 400 Grain Dryer
P Z 2 Swath Tedder
JD BWA Disk

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case · AVCO NEW IDEA · GEHL Gets into your system · BUSH-HOG

Grain Drying Flexibility You Can Afford

Dries Corn, Wheat, Soybeans, Milo and other Sorghums, Rice, Barley, Flax, Sunflower and Rape Seed, and many other crops

Produces High Quality, Thoroughly Dried Grain No Mixing of Wet and Dry Grain.

Processes High Moisture Grain Easily and Efficiently.

Portable, Not Just Movable.

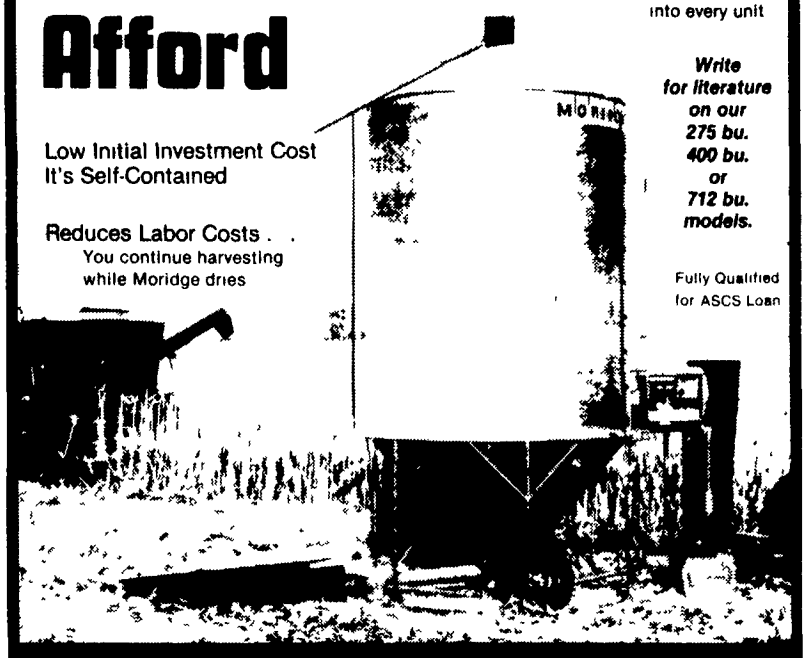
Dries at Half the Per Bushel Cost of Some Dryers . . Fuel savings designed into every unit

Low Initial Investment Cost
It's Self-Contained

Reduces Labor Costs . .
You continue harvesting while Moridge dries

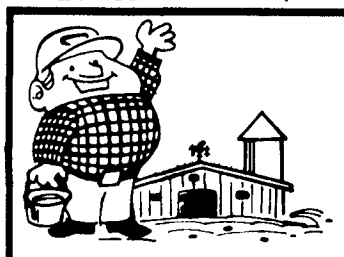
Write for literature on our 275 bu. 400 bu. or 712 bu. models.

Fully Qualified for ASCS Loan



MORIDGE

LAMB'S FARM MACHINERY
Thorndale, PA
Phone: 215-269-2676



WHAT A CORN CROP!

New Holland Harvesters Will Handle Anything

NOW! SEE US...

We're Showing Off The New Model 900 Forage Harvester

DESIGNED FOR TOTAL PERFORMANCE

Also Featuring The NH 892 Forage Harvester In Stock At A Price You Can Afford.

The "892" Can Be Used With Tractors Up To 175 Horsepower

- WAIVER OF FINANCE on HAY EQUIPMENT Till July 1, 1985
- WAIVER OF FINANCE on FORAGE EQUIPMENT Till Sept. 1, 1985
OR LOW RATE FINANCING on NEW & USED EQUIPMENT
OR BIG CASH REBATES

AUTHORIZED SPERRY NEW HOLLAND PARTS and SERVICE

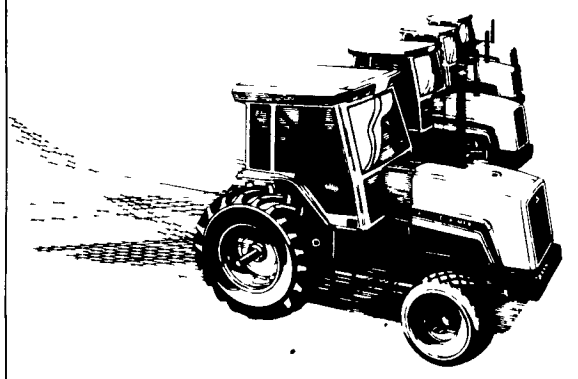
L.H. BRUBAKER, INC.

NEW HOLLAND

350 Strasburg Pike
Lancaster, PA
Ph. (717) 397-5179

ALLIS-CHALMERS
8000 SERIES TRACTORS

Built for performance-and Peace of Mind.



Meet our proven performers the 8010 at 107 PTO hp* the 8030 at 133 PTO hp* the 8050 at 152 PTO hp* and the 8070 at 170 PTO hp* Every one s a winner and every one is backed by our 3 Year/3000 Hour Peace of Mind Warranty on engine and power train

The 8000 Series gives you hard working features like load sensing hydraulics proven turbo diesel engines and extra roomy comfortable cabs Plus options like long life Power Shift transmissions and the industry s finest front wheel drive with short turning radius crop clearing centerline design and the lowest price in its class

The dependable 8000 Series tractors from Allis Chalmers—designed to work harder last longer cost less!

Come in and see them today

Better by Design
ALLIS-CHALMERS

See Us For Your Allis-Chalmers Equipment

SEVERAL PIECES OF TILLAGE EQUIPMENT INCLUDING DISKS AT VERY GOOD PRICES

Waiver of Finance AC Tractors & Implements Till March 1, 1985

L.H. BRUBAKER, INC.
350 Strasburg Pike, Lancaster, Pa.
Phone (717) 397-5179

VISA

GOOD USED EQUIPMENT

- NH 269 Baler w/PTO
- AC Forage Wagon
- NH 903 Speedrower
- Brillion 16½ Fold Up Field Harrow
- NH 272 Engine Baler
- (3) NH 273 Engine Balers
- NH 469 Haybine
- NH 310 Engine Baler
- NH 315 Baler w/75 Kicker (Like New)
- AC 7010 Tractor Like New
- AC 175D Tractor (Excell)
- AC 190 XT Tractor (Excell)
- MF 260 Harvester w/ NR Corn Head & Pickup
- NH 717 Harvester w/ 741 1 Row Cornhead
- 2 Row Hershey Transplanter
- 1880 NH Harvester w/ 3 Row Narrow Corn head & Pickup
- NH 718 Harvester w/ 1 Row Corn Head & Pickup
- AC 4 Row Tool Bar Cultivator
- John Deere 680 Spreader Hyd End-gate
- NI 202 Spreader
- Starline 3200 Gal Liquid Spreader, w/ Chisel
- NH 513 Spreader
- Owatonna 320 Skid Loader
- Farmhand Hydraulic Grinder Mixer
- New Int 56 Blower
- NH 355 Grinder Mixer (Like New)
- NH Gas Skid Loader
- NH 1495 SP Haybine Plantery Drive

L.H. BRUBAKER INC.
350 Strasburg Pike-Lancaster, PA
Phone
(717) 397-5179

WHEN YOU WANT THE JOB DONE RIGHT, DO IT WITH RHINO EQUIPMENT

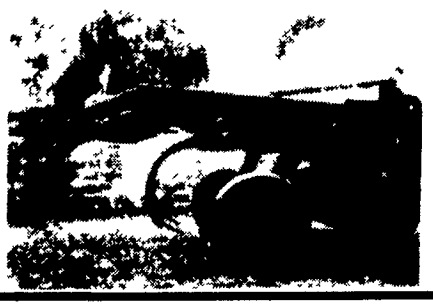
Tops In Quality And Performance

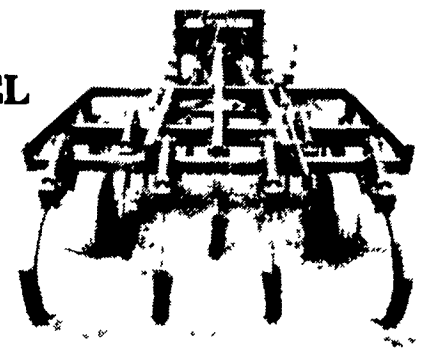
See Our Demonstrations During AG PROGRESS DAYS

Featuring

THE ALL NEW MODEL 890 COULTER CHISEL
Pulled By A
CASE MODEL 2294
TRACTOR
w/FRONT
WHEEL
DRIVE

Side View

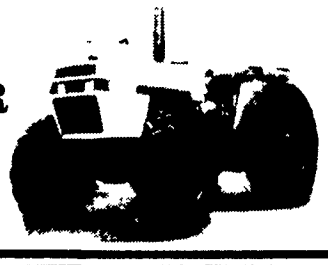




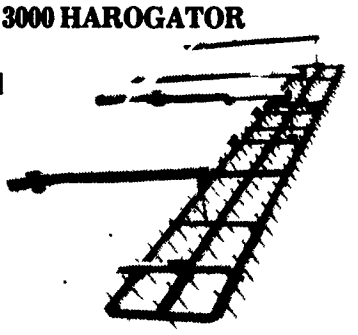
Rear View

RHINO MODEL 77 DISC Pulled By CASE MODEL 1594

FRONT WHEEL DRIVE TRACTOR w/POWER SHIFT



SERIES 3000 HAROGATOR Will Be Attached To The 77 DISC

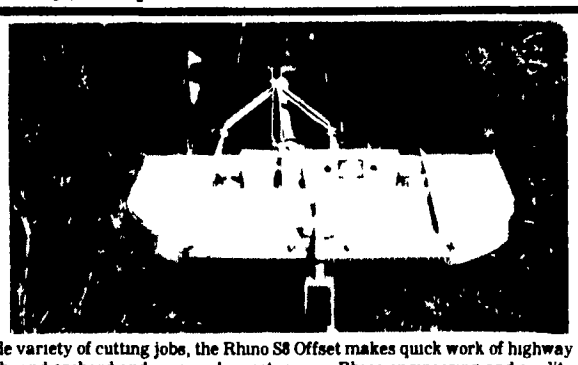


200 201 RHINO

ON DISPLAY

The 200/201 Heavy-duty Double Offset Disks are the latest in primary tillage from Rhino Products. These are fully-equipped, heavy-duty Disk Harrows with large, wide-spaced Disks for aggressive penetration, trash clearance, and covering. Both carry on the Rhino standard of field-proven reliability, durability, and performance.

RHINO S8 Offset Cutter
5 Ft. & 8 Ft.
ON
DISPLAY



Designed to handle a wide variety of cutting jobs, the Rhino S8 Offset makes quick work of highway maintenance, pasture work, and orchard and vineyard maintenance Rhino engineering and quality construction give this cutter long life and dependability Offsets 12 5/16" with standard "A" Frame or 26" with Offset Hitch (Extra Equipment) The Offset Hitch can also be reversed to provide center lift **Features include:** Unitized, Heavy Duty Mainframe, 35R Drivelines, Flange Mounted Gearboxes with Splined Input Shaft, Torque Limiter, Replaceable Skid Shoes, Deep Sideskirts, Fan Blades, Dual Tailwheels, Bar or Dishpan Blade Carriers (Optional), and Integral Driveline Shields and Gearbox Shields

Available in three point lift only

NEW CHISEL PLOWS YOU CAN AFFORD

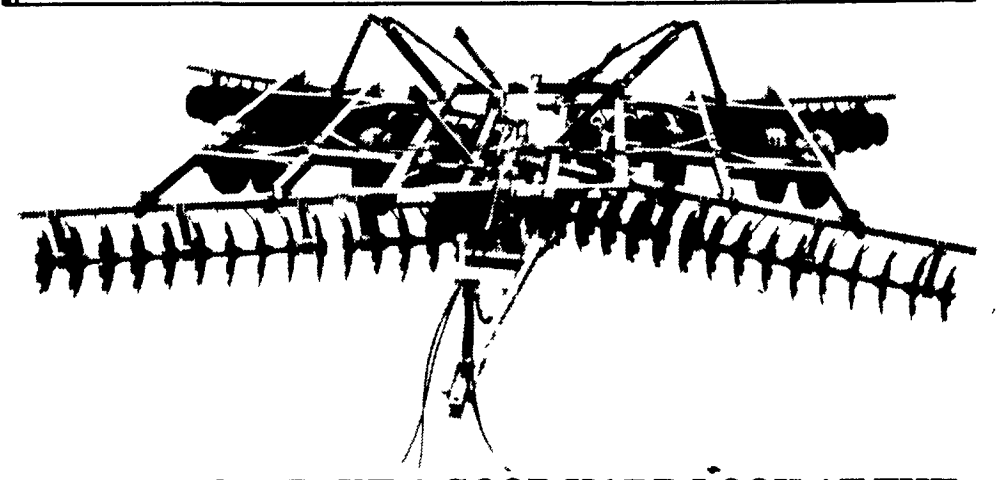
RHINO by Athens

IN STOCK!
All Units Have
3 Pt. Hookup

2 Bar
And
3 Bar
Models
In Stock

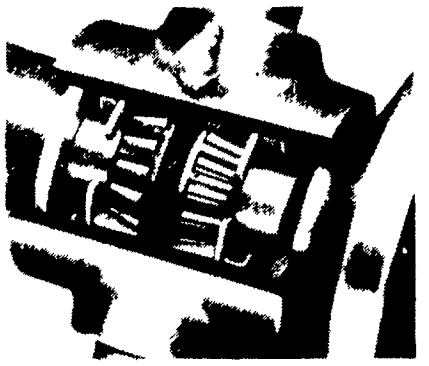
Come And See What High Performance Does!

LOOK AT THIS BEFORE YOU BUY ANY COMPETITIVE WING DISK...



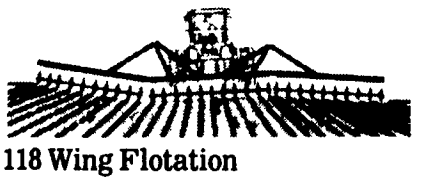
STOP BY AND TAKE A GOOD HARD LOOK AT THE NEW MODEL 118 RHINO DOUBLE OFFSET TYPE w/ THE FOLLOWING FEATURES

118 Spring Bearing Hangers



Guaranteed Quadraseal Bearings

118 Leveling System



118 Wing Flotation

RHINO

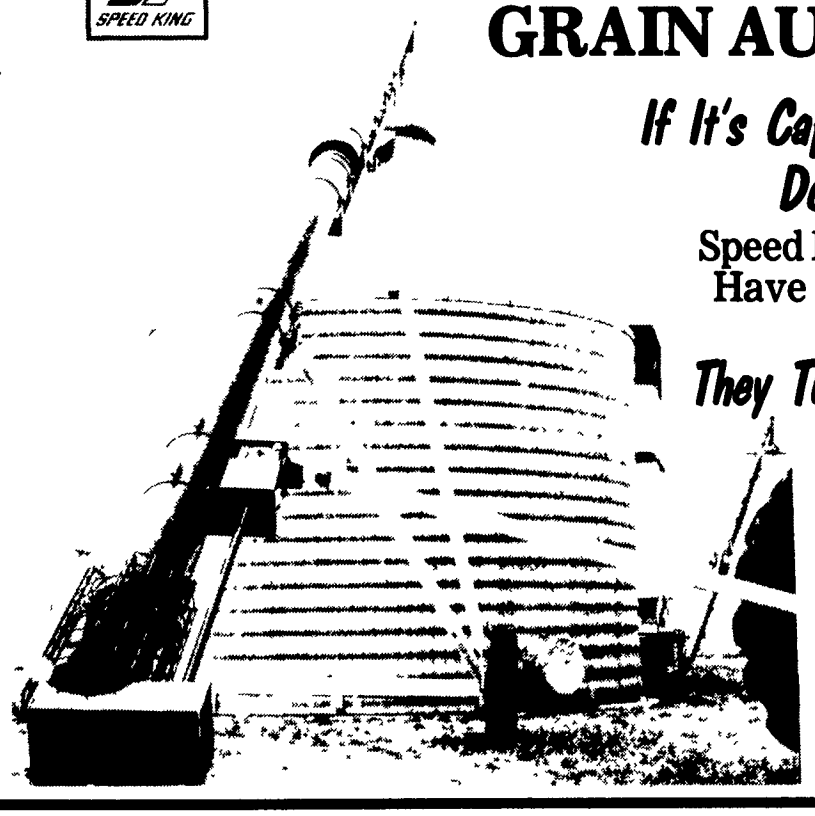
THE HEAVYWEIGHT CHAMPIONS
At The Right Price
Several In Stock

BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd. Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 AM - 5 PM; Sat. 7 AM - 11:30; Sun. Closed - Lord's Day

SEE THIS EQUIPMENT ON DISPLAY AT AG PROGRESS DAYS
Located On West 2nd Street

SPEED KING

HI-ANGLE PORTABLE 10 INCH GRAIN AUGERS



If It's Capacity You Want, Don't Look Any Further!

Speed King 10" Diameter Augers Have Capacities Up To 3800 Bu. Per Hour

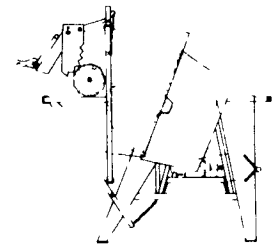
They Turn Easier!

Flighting does not touch tubing — means less wear and no noise

See The 10"x41' Long Auger On Display

SPECIAL NEW 3 PT. HOOKUP SAW BUCK

Most Models Are Priced Over $800



OUR PRICE ONLY **$450**

For The Economy-Minded Buyer

NEW! 3 PT. Fertilizer Spreader and Seed Caster

Accurately Broadcasts All Powdered And Granular Fertilizers and Herbicides, Seeds, Salt and Sand
- Spreads up to 40 ft. swath
- Rugged all steel construction
- Epoxy finish protects against rust and corrosion
- Instant on/off

Choice of 3 Spread Patterns:
• Left • Full Rear • Right Spread

- **1M MODEL 1010** 10 Bushel Size..... **$329.00**
- **1M MODEL 610** 6 Bushel Size ... **$284.00**

See It At The Show

DID YOU KNOW *BINKLEY & HURST BROS.* REPRESENTS THE FOLLOWING DISTRIBUTORS?

- J.I. Case Company
- McDade Company
- J.S. Woodhouse
- Gehl Company
- Todd Farm Equipment
- Cummings & Bricker, Inc.
- Hamilton Equipment
- Unverferth McCurdy
- Ryder Supply Co.

AND SELLS THE FOLLOWING PRODUCTS:

case — TRACTORS, SOIL-CONTROLLER, LOADERS, SKID LOADERS, CHISEL PLOWS, RIDING MOWERS	SPEED KING — TRANSPORT GRAIN AND FERTILIZER AUGERS	LANDOLL — TILLOLL - SOIL FINISHERS AND SOIL-MASTERS	Unverferth McCurdy — GRAVITY BINS, TRUCK AND GRAVITY BIN HYDRAULIC AUGERS, HIGH PERFORMANCE SHORT TURN RUNNING GEAR
KNIGHT — MIXER WAGONS AND MANURE SPREADERS	GEHL — FORAGE BOXES, MIX-ALLS, FORAGE HARVESTERS, FORAGE BLOWERS, SKID LOADERS, ETC.	TRI-STAR — HYDRA-FORK BALE CARRIERS AND ROUND BALE FEEDERS	FARM TIRES WAGON, TRACTOR, TRUCK...ANY TYPE YOU MAY NEED
DUNHAM LEHR INC — LOADERS TO FIT MOST TRACTORS, CULTI-PACKERS, CULTI-MULCHERS, CHISEL PLOWS	BUSH HOG® — ROTARY CUTTERS	BEHLEN — CORN CRIBS	Unverferth and DMI — TRACTOR RIMS AND DUAL WHEEL KITS
AMCO — DISC HARROWS	KUHN — HAY RAKES & TEDDERS	CENTURY — SPRAY KING SPRAYERS	BALE THROWER WAGON BODIES AND FLAT BEDS
Glencoe — SOIL FINISHERS FIELD CULTIVATORS SOIL SAVERS	SOUTHEAST — ROUND BALE CARRIERS ROUND BALE FEEDERS, ETC. ROTARY CUTTERS	HARVEST-HANDLER — ALUMINUM ELEVATORS	Ag-Tech — LOADERS AND BUCKETS
ZIMMERMAN MANUFACTURING CORPORATION R.D. 1 NEW HOLLAND PA 17557 — RUNNING GEARS & ELEVATORS	BER-VAC — SNOW BLOWERS	CHISEL PLOWS AND DISCS	BUCKETS & FORKS MADE TO ORDER FOR ANY SKID LOADER OR YOUR TRACTOR LOADER

WE HAVE A GOOD SELECTION OF USED TRACTORS AND MACHINERY

Our Business Is Built On Service

SMALL Enough To Know You... BIG Enough To Serve You!

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543 Located ½ Mile North of Rothsville

PH: 717-626-4705

Hours: Mon.-Fri. 7 AM - 5 PM; Sat. 7 AM - 11:30 AM; Sun. Closed - Lord's Day

case

Case 1410 Tractor 2 yrs. old, low hrs. good shape.
Case 1390 Trac. low hrs. canopy
Ford Brown 1212 Tractor, Low hours, Excellent Shape
Case 1490 Trac Ground 800
Case 990 Tractor, Low hrs., A-1 shape, good price
Case 530 Tractor, Diesel, Best Offer.
705 Power Unit Diesel, Uni-System
Hesston 4600 Hydraulic Tension Conv. Baler — Will take best offer, only 1 yr. old.
OMC 540 Stacker
OMC 540 N Mover
6' Pittsburgh Disc, like new
AMCO 10' 1982 New Disc
RP 10' Disc, A1 Shape (New)
Used NI #324 2 Row Wide gathering unit, good shape.
Plus NI 702 Uni-Tractors, mow/ditioners, tractors & spreaders in stock at Good Prices.

C. & P. FULTZ EQUIPMENT

RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT

784
684, 4 wheel drive
274 w/cultivators
284 4WD
475 disk, 17'5"
18x7 comb. drill
370 disc, 11'6"
720 auto. reset 5 btm.
2250 loader
#50 Shredder
800 Cyclo planter, 4 row

USED EQUIPMENT

IH & JD POTATO DIGGERS
IH POTATO PLANTER, 2 ROW

NH 273 BALER VERY SHARP PIECE OF EQUIPMENT

IH 1256 tractor
500 crawler
Farmall M WFE
656 Farmall D
666 Farmall G
Ford 801 Selecto Speed
Haines bulk bodies
Ziggy bulk body, 16'
Mayrath auger 6"x27'
Massey Harris drill 16x7
IH 234 cornpicker
IH 56 2 row trail corn-planter, very nice shape
Potato planters
JD 2 row potato diggers
IH 2 row potato digger
Iron Age potato planter, 2 row
IH forage blower
Gehl 4500 skid loader
Bobcat 611 skid loader
IH 3120 backhoe
Holland transplanter, tractor drawn, mint condition
Case 230 baler
John Bean 3 pt. hitch sprayer
400 Cyclo planter 4 row
IH 310 Plow, fast hitch
Haines Stone Picker

HARD WORKING VALUES
Waiver of Finance - Low Rate Financing
Low Cash Deals

RD 1, Ringtown, PA
717-889-3184
Since 1949

FARM EQUIPMENT

SHULER EQUIPMENT SALES
RD #1 Box 228
Shuler Road
Shermansdale, Pa. 17090
717-582-4365 anytime
ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS.
WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION.

JOHN DEERE *Nothing runs like a Deere*

3 USED COMBINES

JD 6600 Side Hill $34,500
JD 6620 Level Land w/1300 Hours. ..... Call For Price
JD 40 Square Back. ..... $ 4,250

Corn & Grain Heads Available

JOHN DEERE

WINELAND EQUIP. INC.
RD2 Rte 164 East
Martinsburg, PA 16662
Phone 814-793-2109

Swope & Bashore, Inc.

OPEN MONDAY TO FRIDAY
7 AM To 5 PM
SATURDAY 7 AM To 11 30 AM

RD 1, Myerstown Pa
Located 1 Mile S of Int 78 & 6 Miles
N of Myerstown on Rt 645 in Frystown
PHONE 717-933-4138

Area Codes 215 & 717 Call Toll Free 1-800-692-7467

Tractors
Cab for 966 or 1066
Farmall H
Farmall M
IH F656D Hydro
IH 544 Gas
IH F460D
IH F460 Gas
IH F826D
IH 234D
IH 1010
IH 2440 w/Loader
Oliver 70

Plows
IH 211 Plow
IH 311 2 Pt.
IH 312 Plow
IH 531 Plow
IH 560 Plow
IH 550 Plow
IH 540 4F, 14"
IH 3F Mtd. Disk Plow
IH 5500 Chisel Plow, 7 Ft., 2 Rank
Taylorway Chisel Plow
AC 2-Way For Model B

Combines
SP IH, Model 205 Corn & Grain
SP IH #91
SP MF #35
MF 510 w/43 Cornhead
NI 710 Uni Combine
NI 725 Cornhead
IH 743 Cornhead

Cornpickers
IH 234
NI 323 1-Row
Oliver 1-Row

Miscellaneous
200/300 Gal. Sprayers

Skid Loaders
IH 2001
IH 2250
Bobcat 543
Bobcat 600
Bobcat 642
Bobcat 700
Gehl 3000
Dunham

Forage Equip.
Dion Model 60 Blower
JD 34 Harvester
JD #6 For. Harvester
IH 550 For. Harvester
IH 650 w/2 Heads
IH 830 Harvester w/3-Row Cornhead & Hay Pickup
Grove 14' For. Box
Badger Blower
NH 23 Blower
AC 7' Mower For Model B
IH 110 Mower
IH 990 Mow. Cond.
IH 47 Baler
IH 37 Baler w/Thrower
AC 303 Baler
Dearborn 40 Rake
Papec For. Box
Woods Rotary Mowers

Tillage
IH 8 Ft. Disk
IH 45 Vibra Shank, 18½'
IH #24 Offset Disk
Oliver 36 Disk

Planters
IH 400 Cyclo 4R
JD 1250 6R
Ontario 13x7
IH 449 4R
IH 56 2 Row
IH 56 6 Row
Vicon 600 Seeder
Allied 4R Cultivator

Spreaders
IH 530
NH 679
Hawk Built 187

Lawn & Garden Tractors
Craftsman 10 H.P w/Mower
IH Cub 154 Lo Boy w/mower
IH 125 Cadet w/Mower
IH 147 Cadet w/Mower
IH 122 Cadet w/Mower
IH 782 Cadet w/Mower
IH Cadet 80
IH 60 Riding Mower
IH 75 Riding Mower
MF 7 w/Mower
MF 12 HP w/Mower
AC B10 w/Equipment
JD 110 w/Mower & Snow Blower
Ford LT75 w/Mower
Bolens 14 H.P.
GE Electrak w/Mower
Wheel Horse 14 H.P.

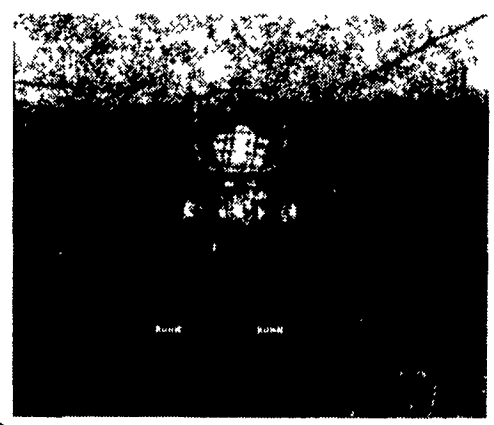
INTERNATIONAL AGRICULTURAL EQUIPMENT
WOODS Division of Hesston Corporation OREGON, ILLINOIS 61061
Badger
bobcat

- Waiver of Finance Available On Most Used Equip. To Credit Qualified Buyers
- Visa, Master Card, IHCC Financing, Bank Financing.
- We Ship UPS or Mail Daily!

Binkley & Hurst Bros. Offers A TRUCKLOAD On Kuhn DISCOUNT SALE Power Tillers

KUHN

SEE THE MODEL 35/92 ON DISPLAY AT AG PROGRESS DAYS



FROM LITTLE TO BIG

Check These Features:

- Double Thickness Door
- Special Wear Resistant Rotary Blade Tines
- Gauge Wheels For Easy Depth Control
- Adjustable To Offset 7"
- Oil Bath Bevel Gears Side Driven, No Chains To Maintain

If It's Quality You Want, Here It Is!

Model			Sale Price
35/92	36"	List $1375	$1067.00
35/105	40"	List $1425	$1089.00
35/117	44"	List $1475	$1135.00
35/130	50"	List $1525	$1150.00
60/180	70"	List $2325	$1713.00

— Prices Limited To In Stock Only —

BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd. Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon -Fri 7 AM - 5 PM; Sat. 7 AM - 11 30. Sun Closed - Lord's Day

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
ERNIE FINCH & SONS
(607) 467-2002
Also See Ad On Pages B24 & 25

BALDWIN ELECTRIC MOTOR DIVISION, INC.
REPAIR & REWIND - ALL BRANDS
AC & DC MOTORS
Call 717-354-5566
Call 717-354-4651
BALDOR ELECTRIC MOTORS
Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
½ hp. thru 100 hp 3 ph.
FARM DUTY MOTORS IN STOCK
P O Box 232, Honey Brook, PA 19344

USED TRACTORS
AC 7000 1978 w/Cab & Air
1982 White Model 2-62, 4WD w/Loader. 568 Hours
1982 JD 2150 4 Wheel Drive w/Loader - 698 Hrs.
Vernon E. Stup Co.
5859 Urbana Pike
Frederick, Md. 21701
301-663-3185
USED TRACTORS

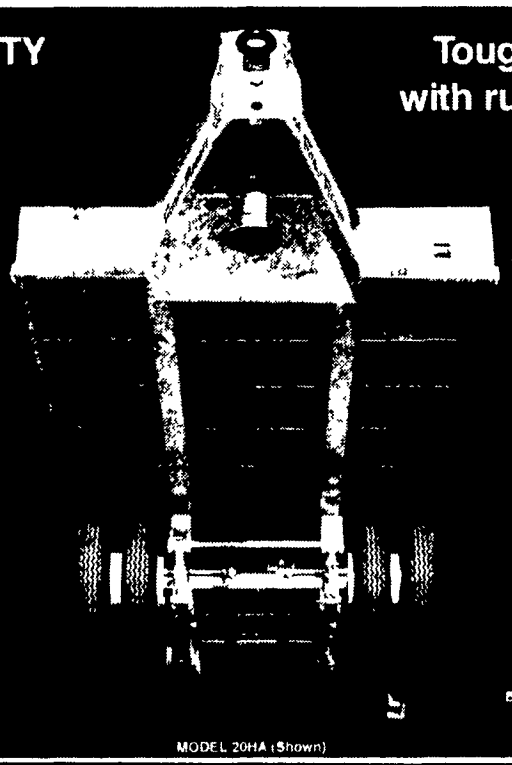
TRACTOR & MOTOR REPAIRS
Over 20 years experience with Ford tractors and equipment. Shop & Road Service Pickup and Delivery
WALT STIVELY, JR.
Springville Road
Quarryville, RD 3
Phone: 717-786-2252

Binkley & Hurst Bros...

Your Complete Eager Beaver Heavy Duty Trailer Dealer Is Ready To Meet You With A Good Deal!

See The Eager Beaver Display At Our AG PROGRESS DAYS Exhibit, Located On West 2nd Street. All Equipment Is In Stock.

HEAVY DUTY TAG TYPE TRAILERS



Tough Tag-alongs with rugged lowboy features

Exclusive cold-formed drawbar design prevents weld failures

Solid oak decking gives you the toughness you need for years of long haul use.

Crossmembers pierced through main beams for a stronger unitized frame

Dual Tandems for higher capacity and better handling

STANDARD EQUIPMENT
Truck brake controller (Models 10-12 only) truck wiring harness safety chains, tie downs parking jack, trailer hitch Rear ramps all models except TXT

10 & 12 Ton Models: Electric Brakes

15, 18, 20 Ton Models: Air Brakes

Adjustable, four position hitch hooks up to any dump truck

10,000 lb. heavy duty parking jack

Massive, high-tensile main beams for maximum strength

Spring suspension for longer tire life and smoother ride

Heavy duty brakes and axles for safe, reliable stopping

Clear oil seals allow visible oil check

Budd wheels are an available option

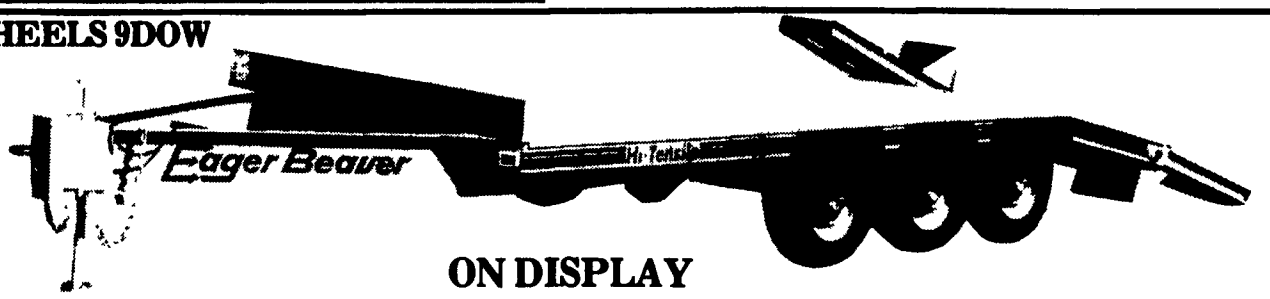
MODEL 20HA (Shown)

Eager Beaver 20HA

ON DISPLAY

20 TON HEAVY AIR BRAKES 20HA
Capacity: 40,000 lbs. at 50 MPH
Trailer Weight: 7,050 lbs.
Overall Length: 27'6"
Overall Width: 96"
Deck Length: 22'
Deck Width: 96"
Deck Height: 37"
Tires: (8) 8.25 R 15 (G) Radial

9 TON DECK-OVER-WHEELS 9DOW
Capacity: 18,000 lbs. at 54 MPH
Trailer Weight: 4,600 lbs.
Overall Length: 26'6"
Overall Width: 96"
Deck Length: 20"
Deck Width: 96"
Deck Height: 31"
Tires: (6) 8.00x14.5(F)

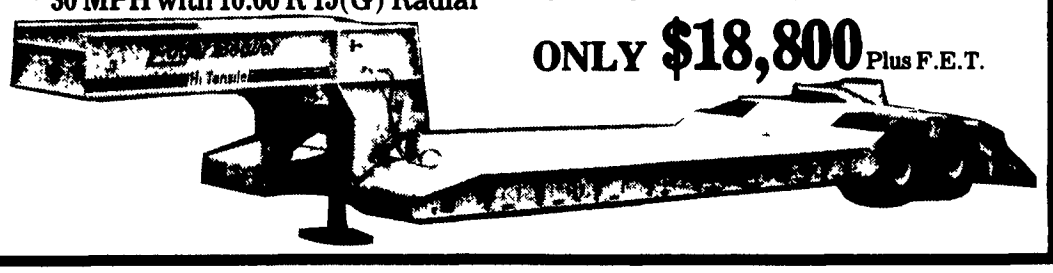


ON DISPLAY

It's Here... BRAND NEW GENERAL Eager Beaver

35 TON DETACHABLE GOOSENECK BEAVERTAIL & RAMPS 35 GHG/BR
Capacity: 70,000 lbs. at 20 MPH*
Trailer Weight: 15,600 lbs.
Overall Length: 41'1"
Overall Width: 96"
(Outriggers added option)
* 30 MPH with 10.00 R 15(G) Radial
Deck Length: 20'
Deck Width: 96"
Deck Height: 26"
Tires: (8) 10.00x15 (G)

SPECIAL - ONE ONLY
ONLY $18,800 Plus F.E.T.



NEW ONE ONLY

ON DISPLAY

2 TON TILT BED TL4
- Capacity: 4,000 lbs. at 60 MPH
- Trailer Weight: 1,200 lbs.
- Overall Length: 13'0"
- Overall Width: 80"
- Deck Length: 10'0"
- Deck Width: 56"
- Deck Height: 17"
- Tires: (2) 8.00x14.5 (F)

SPECIAL DEAL IS WAITING FOR YOU
AT $1,449.00
With Title And Ready For PA Inspection

BINKLEY AND HURST BROS. INC.

133 Rothsville Station Rd. Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours Mon.-Fri. 7 AM - 5 PM; Sat 7 AM - 11 30 AM; Sun. Closed - Lord's Day

WENGERS INC.

LONG

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

JOHN DEERE TRACTORS

4020D-Diff.-1967 ..... $7400
4020D w/Duals $6800
4230-4 WD-Cab-Quad-Excellent ... $16,800
4430-4 post-20.8x38-1975 ..... $7900
730D-Try-3 pt.-Direct Ele. $3500
4520 - Nice $8800
330-Utility-Clean-3 pt. $5850
1020 Utility-3 pt.-Nice $4950
730D-WF-3 pt.-Direct Ele $2900
R-New Paint $3500
G ..... Coming in
720D-WF-3 pt. $3500
4020D. ..... Coming in
B-Unstyled ..... Coming in
A w/Widefront. ..... Coming in

FARMALL TRACTORS

1466-Cab-Nice $9700
1466-Cab-Air-Nice $10,800
1066-No TA $6200
560D-FH-WF-Nice $3500
Cub w/Cultivator $1650
340-Try-PS-FH-Nice. $2950
404-Utility-3 pt.-Nice $2950
856 w/Cab $7950
1206 w/Cab - As Is $5950
706D - As Is $3400

FORD TRACTORS

5000D. ..... Coming in
6600D-Flat Deck-1976 ..... $8800
4600D-1981. ..... $8900
6000D $2500
6700D. ..... Coming in

CASE TRACTORS

1030D w/Cab ..... Coming in
970D w/Cab ..... Coming in
1070D w/Cab $5200
990 w/Cab & Loader-1978-Sharp... $10,900
1190-New. $8775

ALLIS CHALMERS TRACTORS

D19D-WF $3500
190XTD ..... Coming in
190XTG w/Cab ..... Coming in
D19D w/Loader ..... Coming in
170D. ..... Coming in
220D. ..... Coming in

WHITE TRACTORS

4-150, Very Clean, New Radials $16,800
1800D-WF-3 pt. $3900
1855D w/Cab-Clean. $7700
2-62-1980-Low Hours. $10,900
1355 w/Loader ..... Coming in
2-105 ..... Coming in

MASSEY FERGUSON TRACTORS

1085D-1977. ..... $7900
1080D-1969. ..... $6900
1130D-As Is $4500
65 w/Loader $4850
30 w/Loader $2950
30 ..... $1650

LONG TRACTORS

Deutz & Deutz 6806 ..... Coming in
310 4WD w/Loader ..... New
360 4WD ..... New
460 4WD ..... New

FINANCING AVAILABLE WITH 20% DOWN - UP TO 5 YEARS

SPECIAL PRICES ON ALL NEW EQUIPMENT

ROTARY MOWERS

4' 3 pt. $385
5' 3 pt. $395
6' 3 pt. $645
7' 3 pt. $1395
4' pull. $545
5' pull. $595
6' pull. $795
7' pull $1495
5' 3 pt. Estate-Hd $1295
6' 3 pt. Estate-Hd $1395

3 PT. ROTOVATORS

52" $1045
60" $1095
72" $1395
88" $1695

MORE SIZES AVAILABLE

OTHER NEW BARGAINS

6½' 3 pt. Disc. $495
1 Row 3 pt. Cultivator $95
3 pt. Potato Plow $95
3 pt. Boom Pole $79
3 pt. Boom Pole - H. Duty. $179
12" 3 pt. Post Hole Digger - H. Duty .. $495
9 Tooth 3 pt. Chisel Plow $495
3 pt. PTO Woodsaws $450
3 pt. Seeders $395
2 Axle 4 Ton Trailers $1495
1200 Bushel Corn Crib $895
3 pt. Hay Rakes - & Tedders. $495

3 PT. SCRAPERS, ETC.

6' Blade $175
7' Blade $195
8' Heavy Duty Blade $595
6' Landscape Box... $495
7' Landscape Box... $595
6' Stone Rake $495
7' Stone Rake $550
8' Stone Rake $595

DISC'S

MF 20' Transport
Kewanee Rock Flex-13'
JD KBA 28 Transport
IH 10' Transport
JD KBA 28 Drag
IH 350 Transport-13'
Oliver 10' Transport

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
743N Cornhead
725 & 735 3x30 Cornheads
High Moisture Throat
766 Pickup Head
Extra Grain Heads

WAGONS

Feeder Rack w/Gear
Metal Bale Throw Racks
Flat Bed Wagons

CORNPLANTERS

IH 400 4X No Til
IH 2X Fast Hitch
Ford 6X Pull
JD 1240 Plateless
JD 246 - 3 pt.

GRAINHEADS

25 on stock to fit most Makes and Models

SPREADERS

NH Tandem Axle
IH Cub
NI 217
Clay 1500 Gal. Honey Wagon w/Injectors

CHISEL PLOWS

9 Tooth 3 pt.
Landoll 10' Pull-Chisel
11 Tooth 3 pt.
12 Tooth 3 pt.
7 Tooth 3 pt.
10 Tooth 3 pt.
5 Tooth V Chisel
Taylor Subsoiler

MOWERS

NH 451 Sickle
Oliver 3 pt. Sickle
Brillion 7' 3 pt. Flail
Mott 4' Pull w/Engine
Bush Hog 13' Rotary
Imco 6' Pull Rotary
IH 27 Semi Sickle
Modern 7' Pull Rotary
MF 3 pt. Sickle
JD 38 Sickle
Ford 3 pt. Sickle
Mott 3 pt. 6' Flail
Woods 42" For Cub
JD 6' 3 pt. Flail
JD 5' 3 pt. Rotary
Mott 4' 3 pt. Flail
14' 3 pt. Rotary

HAY TEDDERS

JD-Grimm-Nickelson
Niemeyer

FLAIL CHOPPERS

NH 36 | JD 16A

MISC. EQUIP.

IH Cub Snow Plow
4X Pull Stalk Chopper
Toro Thatcher & Vacuum Combo
Lely Pull Fertilizer Spreader
IH Super A Side Dresser
IH Cub Side Dresser
IH Cub Fast Hitch Attach.
Lely Roterra
Danuser 3 pt. Post Hole Digger-Heavy Duty
Swartz Mixer Wagon
Corn Drag
Ferg 3 pt. Rake
JD 6500 Blower
Hesston 10 Stacker

BALERS

NH 315 w/Thrower
Ford 530 | Case 220
Extra Throwers | NH 66

TRANSPLANTERS

1 Row & 2 Row - Pull & 3 pt.

POTATO EQUIP.

Iron Age 2X Planter
1 Row Digger

FIELD CULTIVATORS

IH 12' 3 pt.
JD 12' 3 pt.
JD 18' 3 pt.
Glenco 13' 3 pt.

SPRING TOOTH HARROWS

JD 8' Drag | 12' 3 pt.
11' Drag

LOADERS

IH 34 Off 340 Utility
Ford Off 8N
JD Off 300
Freeman Of 880 Brown
IH 2000 Off 504
AC Off I600
IH Off 464
Davis Off 800 Ford
JD 36A Off 1020
Loader Off JD 420
Souders Loaders

SHELLERS & GRINDERS

JD 43 3 pt. Sheller
MM 1200 Sheller
NI 315 Sheller Attach.
NI 314 Sheller Attach.
NI Super Sheller Attach.
NI 317 Grinder Attach.
NI 318 Grinder Attach.
IH 234 Sheller Attach.

CULTIPACKERS

Brillion 14' w/Transport
9' Sprocket Packer
Brillion 12' Mulcher
Brillion 10' Packer
Brillion 12' Packer
Brillion 16' w/Transport

HAYBINES

NH 478 | IH 1190

TRUCKS

1974 Ford Single Axle Diesel Tractor . $5900
1970 Ford 900 Single Axle Construction Dump $7700
1977 Chevy Pickup $2750
1947 Ford Fire Truck $2950
1976 Ford Louisville Diesel w/24' Rollback $19,500
1982 Ford Pickup . $6950
1981 Chevy Pickup $6950
1971 IH Flatbed... $3500

PLOWS

JD 1350 5x16 Semi
JD 3x16 3 pt. Trip
JD 2x16 3 pt. Trip
PITTS. 1x12" 3 pt.
Ford 2x3 pt. Trip
JD 1X Reset Add On
AC 3X SC
MF 3x16 Rollover
Oliver 2X 3 pt.
Oliver 3x16 3 pt.
Ford 2x12" 3 pt.
IH 1X FH
IH 4X Reset - Semi

ROLLBARS & CABS

Case 1070 Cab
IH 2 Post w/Roof
JD 4020 Cab
DB 1200 Cab
Case 1030 Cab
(30) Combine Cabs

CULTIVATORS

IH 2X for "C"
IH 4X 3 pt.
JD RM4-4X 3 pt.
IH Cub 1X
IH 2X For H or M
JD 2X For H
JD 2X For 420
2X 3 pt.
IH Super "A"
IH 468 4X Front Mtd.
Pittsburg 6X 3 pt.
IH 4X Front Mtd.

COMBINE CORNHEADS NARROW ROW

AC A330, FL330, LM430, G430, C II 430, C630, G630
JD 313, 334, 434, 435, 343, 643
IH 329, 429, 733, 743, 833
MF 321, 33, 43, 63
NH 4x30, 4x30 QT
Oliver 3x30, 4x30, 703N, 704N
Case 3x30

HARVESTERS

NH 880 | IH 550
NH 717 | Fox

CORNPICKERS

NI 324 w/12 Roll Bed
NI 324 w/Super Sheller

DUALS

18.4x34 MF
18.4x38 Snap
18.4x34 Snap
20.8x38 Axle
18.4x34 Axle

COMBINE CORNHEADS WIDE ROW

AC E240, E III 240, KL238, A240, C440, G440
JD 205, 210, 234, 235, 334, 434, 244, 344, 444
IH 227, 228, 229, 724, 327, 429, 744, 824
MF 22, 222, 322, 422, 24, 44
NH 2x40, 4x40 QT
Oliver 2x40, 3x40, 4x40
Case 2x40, 4x40

CONSTRUCTION EQUIPMENT

NEW 1984 TRAILERS ON SPECIAL

• 2 Axle, 4 Ton, 14 Ft. $1495

BACKHOES

Ford 4500 . . . $9600
Ford 5500 . . . $12,800
IH 3414 ..... $6900
Ford 800. ..... $5600
IH 3514 .. ... $6600
Case 580C . . $21,700
Case 580C . $20,600
Case 580C . $19,800
Case 580C . $18,400
IH 3500 .. $8800
AC 615 . . . $5400
Case 530CK $5900

OFF ROAD ROCK DUMPS

(4) Mack 25 Ton Rock Trucks From . . $38,600
(3) Mack 20 Ton Rock Trucks . . $84,700

FORKLIFTS

Int. 7000-21' . $10,700
Int. 4500B-21' . $12,600
4000 lb., Solid Tires, Side Shift. ... $2300

TRACTORS WITH LOADERS

Ford 4400 .... $6400
JD 301A $6700
MF 65 ..... $4850
MF 30 ..... $2950
Case 990 w/Cab . . . $10,900

LOG SKIDDERS

JD Log Loader $4300
JD 540B $24,700
JD 540A $11,800
Clark 666B w/Grapple . . $17,700
JD 440A. $8400
JD 440B $12,400
Tree Farmer C4 . . . $6900

RUBBER TIRED LOADERS

OMC 770. . . $16,300
Ford A62 .... $26,200
AC 605B . . . $27,600
Case W20 . . $28,300
AC 4WD $6900
AC 840 ..... $18,700
Case W14 . . . $21,100
AC 840 .... $19,400

TRAILERS

1984 2X 4 Ton . $1495
1984 3X 9 Ton . $4400
1984 2X 12 Ton $5800
1983 2x6 Ton . . $3600
1980 12 Ton Tilt Top. $6100
1977 1½ Ton . . . $400
1972 9 Ton General . . . $2400

CRAWLER LOADERS

JD 450 ..... $9500
Oliver OC3 .... $2400
JD 350B w/Backhoe $16,600
Cat 977L $59,900
IH 125E $23,700
Cat 941 w/4 in 1 bkt. $23,700
Cat 933 w/Winch . . . $6600
JD 450C w/Ripper . $16,500
IH 500E - 4 in1 & Ripper $9400

BACKHOE ATTACHMENTS

JD - Ford - IH - Case - AC - Long -

SKID STEER LOADERS

OMC 1700 Diesel. $5600
IH 4150 Diesel . $7300
Melroe 720. . . . $6300
Case 1737 . . . . $4700
Gehl - As Is $1900
Melroe 731D . . $5800
Case 1740D . . . $4900

DOZERS

JD 350C 6 Way. $18,600
JD 430 ..... $4800
Cat D8H $24,700
Cat R2 ..... $2600
IH TD7E 6 Way 1977 .... $19,600
Cat D4C $12,700
IH TD6-62 Series. $5900
IH T6. ..... $3400
Case 350B-6 Way-1979 $18,200
Case 350B-6 Way. $18,600
Cat D4 7U. $2900
Case 350-6 Way-Winch $7800
Oliver HG-Bare $1800

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

LONG

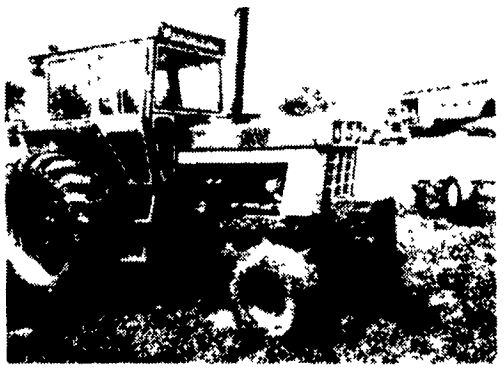
WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

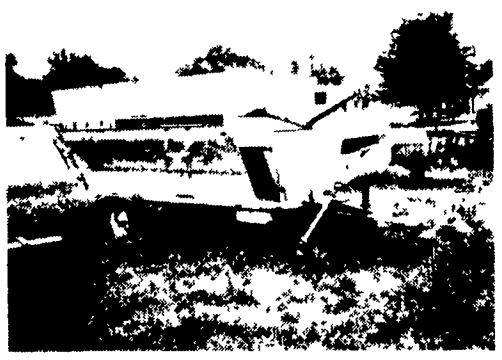
USED TRACTORS AND EQUIPMENT



VERY CLEAN IH 1466 -
Air-Loaded-w/weights-2 Remotes-2 PTO's-2900 Hrs., Exceptional Quality $10,800.

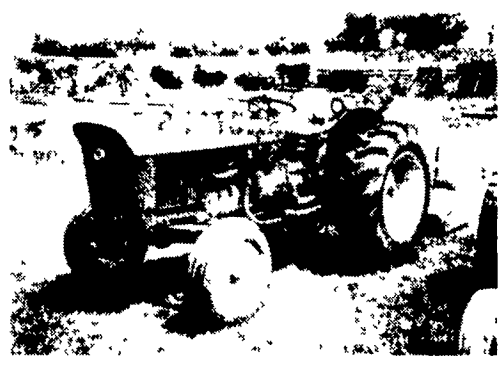
NICE ORIGINAL OLIVER 1855 -
3100 Hrs., over/under, Good Buy For A Good Tractor $7700.

NEW CASE 1190
43 H.P. Diesel - Must Sell $8775 Or Best Offer.

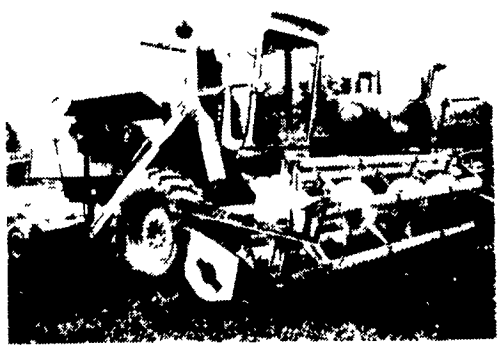


SCHWARTZ 760 MIXER WAGON
Heavy Duty Inside Augers Original Paint - Operating Condition - $3500.

NH 478 7' HAYBINE
One of the Nicest Used Ones Around Very Clean - $4950

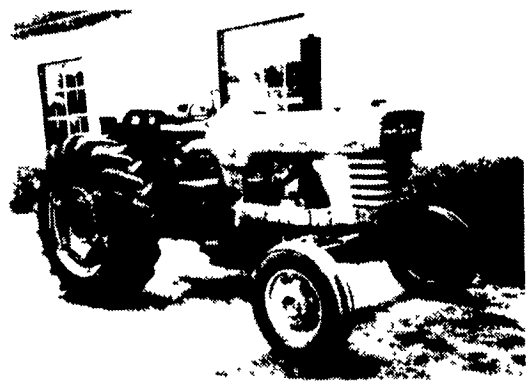


JD 1020
New Paint, Good Condition - $4950.



ALLIS CHALMER GLEANER "G"
With Grainhead - Very Clean Original Machine - $8950 Corn Heads Available

CASE 990
With Case 60 Full Hydraulic Loader and Cab 1978 - Very Low Hours Only Minimal Use - $10,900



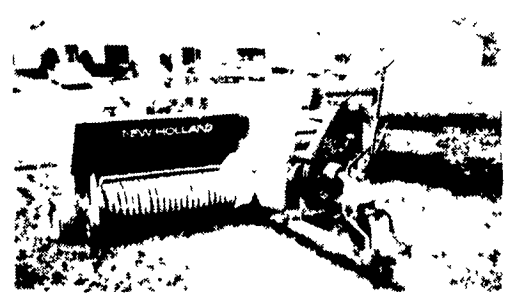
MASSEY FERGUSON 1080 DIESEL
1969 - Just Arrived - $6900

LATE MODEL MASSEY FERGUSON
20' Wing Disc Excellent Original Unit Only - $3500
Lots More on Stock

NH 354 MILL
Very Clean - Original Buy Early Before Fall Only - $3450

HARVESTER HEADS

- NH Pickup for 717-770-818
- NH 1X Corn for 717-770
- NH 2x30 Corn for 717-770-880-890
- NH 1X Snapper for 770-717
- NH 2x30 Snapper for 880-890
- NH 3x30 for 880-890
- NH Cutterbar for 880-890
- JD 243 2x30 Snapper for 38-3800
- JD 3x30 Corn for 38-3800
- Gehl 2X Snapper
- JD 2x30 Corn for 38-3800
- JD Pickup for 38-3800
- Fox 2x30, 2x40, 3x30 Snapper Head
- Fox 2x30 Corn
- Fox Pickup
- IH 2x30 Corn for 50 thru 650
- IH Pickup Head for 15-16-350-50 thru 650
- IH Cutterbar for 50 thru 650
- JD Pickup for 3940 or 5440
- JD 34 Cutterbar



NH 315 BALER
With Fold-Up PTO Thrower, Used 2 Seasons Very Nice - $6950
More On Stock

FORD 530 BALER
Like New SUPER SHARP, Less Than ½ Of New - $3500
Lots More On Stock

CLEAN COMBINES - PRICED RIGHT

JD 6600 Diesel Hydro
JD 45 EB Gleaner "G"
IH 815 Hydro
White 7300 MF 300QT
Gleaner "K" IH 315
IH 815 Diesel Case 600
IH 615 w/800 Head
JD 3300 Diesel
JD 6600 Diesel

SEE US AT AG PROGRESS DAYS, AUG. 21-23, LOCATED ON WEST 5th STREET

AC 200 Tractor w/Cab
AC 160 Dsl. Tractor w/ Loader
AC C Tractor & Cultivator
AC CA Tractor w/ Cultivator
NH #479 Haybine
NI #218 Spr. w/Upper Btr. & End Gate
NI #218 Spr. w/Upper Btr.
NI #213 Spreader
NI #709 Hydro Power Unit
Used NI 737 Uni Husker
OMC 540 Staker & Mover
OMC 235 12' Swing Tongue Mower Con.
8C Hydra-Mac Skid Loader

ROY H. BUCH INC.
Ephrata
717-859-2441

FOR SALE

NH L35 Skid loader
JD 2440
JD wide front
MF 1135 w/duals, cab & air
MF 1155 w/cab & air
IH 3200 Skid Loader
MF 550 combine w/1143 corn head
Bushhog 12' Chisel plow
4 irrigation pumps
8,000 feet 6 inch irrigation pipe
6 field cultivators from 10'-24'
NI 218 Manure Spreader
MF 43 corn head
MF 321 corn head

L & M BURKHOLDER
Ephrata, PA.
717-859-2960
717-859-2712

TRACTORS

- 5531 IH 404
- 5443 IH 504 w/Loader
- 3159 IH 656 w/loader
- 2871 IH 1466 w/cab, new paint
- 1616 IH 1066 "black stripe"
- 5163 IH 1086 w/cab
- 5278 IH 826
- 5415 IH 544G
- 5306 J.D. 4430 w/cab
- 2845 JD 4430 w/cab, duals
- 2755 MF 1805 4WD duals
- 5170 NH 775 skid steer loader

COMBINES

- NH TR 70
- 3047 JD 7720 w/4WD, chopper
- 5120 JD 7720 w/4WD, chopper
- 3059 JD 7700 w/chopper
- 2622 JD 7700 w/chopper
- 3057 JD 7700 w/chopper
- 3058 JD 7700 w/chopper
- 5447 IH 1480
- 3180 IH 1460 w/cornhead, platform
- 2108 IH1480 reconditioned
- 3094 IH 915 w/platform

GOOD SELECTION OF CORNHEADS AND PLATFORMS

MISC. EQUIPMENT

- 5487 NH 280 Baler
- 5484 IH 2001 Loader
- 5402 N.I. Rake
- 5394 Dunham Lehr 4 Row Cultivator
- 5373 Ag-Chem 500 Gal. Poly Tank
- 5352 IH 500 Disk
- 5340 JD 230 Disk
- 5291 Rhino 20' Flex Wing Mower
- 5277 IH 55 chisel plow
- 5312 IH 295 planter units
- 5313 15' solid wheel packer
- 5314 IH 470 Disk
- 5272 Miller 14' Offset Disk
- 5564 AC 2300 Disk, 14 Ft.
- 5561 J.D. 210 Disk, 13 Ft.
- 3111 Agrotec 200 gal. 30' sprayer
- 1657 Case K23 disc harrow 24'
- 5121 Dunham-Lehr 29' crowfoot packer
- 5117 Ferguson chisel plow 13 shank
- 5419 JD 22 Shank Chisel plow
- 395 Glencoe 14' soil saver
- 5534 Glencoe Soil finisher, 20 Ft.
- 2763 IH 620 tandem full press drill
- 3098 IH 5100 drill w/dual hitch
- 5006 IH 440 baler reconditioned
- 5026 IH 1190 mower conditioner
- 5152 IH 200 cultivator
- 5573 JD 235 Disc 22 Ft.
- 5569 INT. 60 Shreader
- 2872 JD 7x18 double disc drill
- 5083 JD 230 disc 24'
- 5045 Krause 2143 disc 42'
- 5457 Krause 2413 Disc 23'
- 2762 MF 7x18 drill
- 1512 Miller 8500 offset disc 26'
- 1385 Sunflower G-3-20 offset disc
- 2375 Tebbin sub-soiler
- 5241 Wil-Rich 2400 MP Plow, 7 Bottom
- 5216 NH 479 Haybine
- 5164 NH 479 Haybine
- 5381 NH 479 Haybine

HOOBER EQUIPMENT, INC.
P.O. Box 107
Middletown, DE 19709
(302) 378-9555

DEUTZ **VM**

REPAIRING & REBUILDING OF ALL KINDS OF DIESEL AND GASOLINE ENGINES

2 Cyl. F2L-912 **SU-1052**

USED DIESELS
- (1) SR-3 Lister
- (2) SR-2 Lister
- VM 1306, 180 HP
- VM SU101, Completely Rebuilt

CHECK OUR PRICES AND LABOR RATES
FOR 24 HOUR SERVICE CALL:
717-687-6874

Oil in Bulk - Bring Your Own Container

James E. Horst
INDUSTRIAL ENGINE SALES AND SERVICE
152 Black Horse Rd., Paradise, PA 17562

NOTICE TO ALL FARMERS

If you have a problem in tractors, all brands, concerning stiff hydraulic, differential, hydrostatic or wet brake system slipping, we can solve it on your farm.
Also very good on automatic transmission slipping or sticking reverse

Reasonable Rates
Must inquire to appreciate.
Will travel any distance.
Syn-Trek Synthetic Lubrication

F & S Service
717-687-8412

WENGER'S IS E-X-P-A-N-D-I-N-G TO SERVE YOU BETTER
Used Parts — East Coast's Largest

(100) COMBINES - DISMANTLING FOR PARTS

JD 7700-6600-4400-3300-95-55-45-40-12A-42
IH 815-615-315-403-303-203-205-105-101-93-91 141-127-64-76
MF 760-510-410-300-92-72-35-26-Clipper-60
Gleaner CII-EIII-A-E-60
Uni 705-704-702-701-710-Etc.
Case 960-660-600
NH 975-985
MM 4296-Oliver 525-535
Over 100 Corn & Grain Heads For Salvage

(100) HARVESTERS - DISMANTLING FOR PARTS

JD 38-35-34-12-8-6
IH 650-550-55-59-350-16-15
Fox 2200-2000-1000-546-FA
NH 890-880-818-800-S717-717-616
Gehl 600-300-188-84-83
Case 300
Ford & Papec

PICKERS - DISMANTLING FOR PARTS

NI 331-311-305-10-7-323
JD 237-227
IH 2MHD-2MH-2ME
Ford Blue 1 Row & 2 Row
Woods

SPREADERS — CORNPLANTERS — HAY CRUSHERS — BLOWERS — CORN SHELLERS — CULTIVATORS — PLOWS — CULTIPACKERS — CULTIMULCHER — DRILLS — RAKES — SICKLE — MOWERS — NI 7' & 9' CUT DITIONERS

HAYBINES - DISMANTLING FOR PARTS

IH 225-201
JD 480
NH 490-460-479
Hesston PT10
OMC 29-25
Case 950

CONSTRUCTION - DISMANTLING FOR PARTS

AC HD3, HD4, HD5, HD6, I600
Case 310, 320, 530, 580, 680, 580B
Cat D2 5U
Cat D4 7U
Cat 933 11A
Cat 955H 60A
Cat 977 20A
Ford 4500-5500
IH TD6, TD9, TD14A, T6
IH 340, 100C, 125C, 175C, 500
IH 350, 3444, 3400, 3600
JD 40, 420, 430, 440, 350, 450, 1010
JD 440A, 540, 540B Skidders
JD 544B Loader
JD 300, 400, 500, 1010
Oliver HG, OC3

(50) BALERS - DISMANTLING FOR PARTS

JD 336-214T-24T-14T
NH 280-271--269-78-69-68-67-66-77
IH 57-47-37-27-55-45
Oliver 720
MF10
AC 303
Case 230-200
Ford 530

FARM TRACTORS DISMANTLING FOR PARTS (Over 2000)

AC: 220-210-200-D21-190XT-190-D19-D17-D15-D14-D12-D10-WD45-WD-WC-G-CA-C-B-Etc.

Case: 1070-970-770-1030-930-830-730-630-530-430-800 Series-700 Series-600 Series-500 Series-400 Series-300 Series-200 Series-DC-SC-VAC-LA-990-880-Etc.

Ford: 9600-9000-8000-7000-6000-5000-4000-3000-2000-900-800-700-600-NAA-Major-Dextra-8N-9N-Etc.

IH: 1466-1066-856-756-666-656-1206-806-706-606-660-574-454-464-444-560-460-544-504-424-404-450-400-B414-B275-350-300-240-230-200-140-130-100-Super A-Cub-154 LowBoy-Super C-A-B-BN-C-H-M-MD-MTA-W4-W6-W9-Etc.

JD: 4430-5020-4520-4020-3020-2020-1020-2520-5010-4010-3010-2010-2510-1010- 435-830-730-630-530-430-820-720-620-520-420-80-70-60-50-40-MT-M-R-G-A-B-H-Etc.

MF: 1130-1100-1080-180-175-165-150-135-Super 90-85-65-50-40-35-30-20-Etc.

Long: 560-460-445-360-350-Etc.

MM: G1000 Vista G1000-670-302-445-335-5 Star-4 Star-3 Star-2-UB-U-Etc.

MH: 444-44-33-101-30-22-Junior-Pony-Etc.

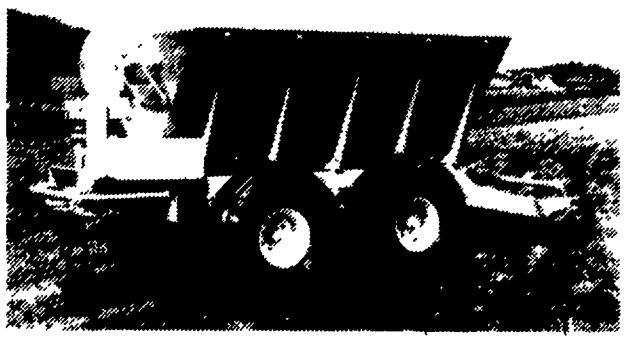
Oliver: 1950-1850-1755-1750-1650-1550-1450-1250-1800-1600-880-770-660-99-70-60-88-77-66-550-55-Etc.

PARTS CALLS TAKEN 7:30 AM to 5:00 PM WEEKDAYS
7:30 AM to 12:00 NOON SATURDAY
Phone 717-866-2135 (Please, No Calls After Hours)
PROMPT SHIPMENT — CASH SALES ONLY

WENGERS INC.
251 SOUTH RACE STREET, MYERSTOWN, PA 17067
PHONE: 717-866-2135
NIGHTS, PHONE 717-866-7147 or 717-273-9089

Buy direct from the C.U. Stoltzfus Mfg. factory and save on every spreader need.

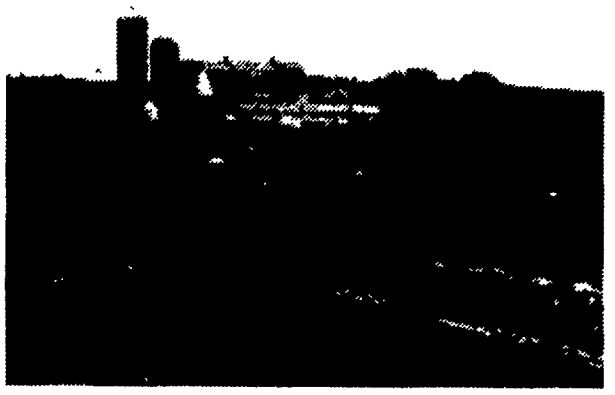
WET LIME SPREADER



Some farmers are saving as much as $16 per ton spreading their own lime!

- Spread it when you want it spread
- Rugged construction, built to last
- Great for fertilizer, poultry waste and similar materials
- Truck mounted in 9' to 14' lengths
- Tractor drawn in 2, 5, or 8 ton models

SOWER SPREADER



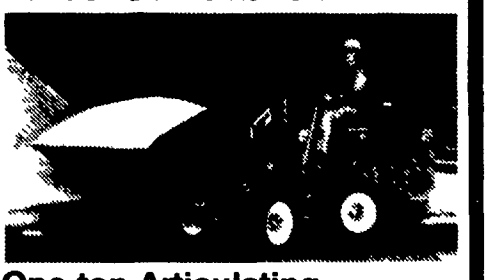
With today's prices you can't afford to waste fertilizer.

- Accurate, even spreading, as much as you want right where you want it.
- Designed for all types of dry, free-flowing materials such as dry lime, rock phosphate and fertilizer.
- Truck mounted or tractor drawn

Outstanding values from Willmar Mfg.

Six ton Stainless Steel Tender

Five ton Spreader/ Tender Combination



One ton Articulating Loader

C.U. Stoltzfus MANUFACTURING, INC.

(215) 286-5146

P.O. Box 527, Morgantown, PA 19543

"Leaders in the field for over a quarter century."

●●●●● SEE US AT AG PROGRESS ●●●●●

Sweigard Brothers

RD #3
Halifax, PA 17032
717-896-3414

FORD TRACTORS
New TW 20 w/cab, 4WD, air
New 7710 w/Sycro. Trans.
New 6600
New 1510 w/Ag Tire
Used 140 5B 16" Auto Reset Plow. Ex. Cond.

NEW HOLLAND
New Harvesters - 707, 718, 782
New L35 gas, L325 gas skid loaders
New 358 Grinder Mixer
New 367 Tank Type Manure Spreader
Used 975 Combine w/11' head
Used 718 Harvester w/2 heads

NEW IDEA
NI 406 rake
NI 323 one row corn pickers
NI 3 pt. Hitch Fertz. Spreader

New Glencoe 12'9" Finishing Harrow
Glencoe Soil Saver Stretch 7 Shank
Glencoe Soil Saver 5 Shank
Amco Heavy Duty 12' Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
DAIRYMEN SPECIALITIES
(703) 433-9117
Also See Ad On Pages B24 & 25

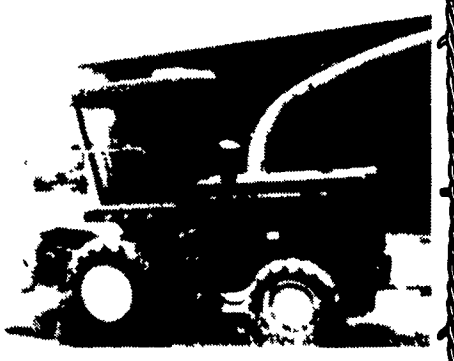
TRIPLE H EQUIPMENT

Peach Bottom, Pa.
717-548-3775 or 717-548-2094

Vicon · Vermeer

NEW VERMEER EQUIPMENT
(1) 605H Baler
(2) 504H Baler
(1) 504G Baler
(1) Hydraulic Drive Rock Picker
(1) 10' No-Til Grain Drill
(1) 21' Twin Rake
(1) NH 256 Bale Buster
JD Skid loader
Owatonna 540 Stack Hand

NEW VICON EQUIPMENT
(2) KM 321 Mower Conditioner 10' 6"
(1) KM 281 Mower Conditioner 9' 5"
(2) KM 240 Mower Conditioner 7' 10"
(2) CM 240 Mower 7' 10"
(3) RC 300 and 330 Tedder-Rake
(2) 16' Tedder
(3) Vicon Square Baler
(3) 600 lb. Spin Spreader
(2) Large Round Baler 1500 and 2000 lbs.
(2) Double V Rake
(4) Single 4 wheel Rake
(1) Tandem Axle 500 gal. Sprayer with Electric Controls



John Deere 5440, 4 wheel drive chopper. Excellent condition. Reasonable. Two heads available. Call
215-588-6742

Grain Dryer Mathews 675 continuous upper and lower heat 3 phase motor 230-240, used only 2 seasons.
703-347-4573
after 8 PM

OMC 540
Hay Stacker
Like New Condition
OMC 206
Mower Conditioner
717-247-7858

Hesston Forage Harvester 7140 w/2 row corn head, pickup head w/hydraulic sharpener & new knives, Excellent Condition
717-587-3657

SPECIALS
S.G. LEWIS AND SON, INC.

352 N. Jennersville Rd., West Grove, Pa.
215-869-2214 or 215-869-9440

SPECIALS ON NEW SPERRY NEW HOLLAND EQUIPMENT - 2-YEAR WARRANTIES

NH 791 Spreader w/Splash Guard, Endgate, Fine Manure Pan	$6,650
NH 472 Haybine	$6,500
NH 892 Harvester w/Metal Alert	
NH 824 Corn Head	
NH 880W WD Pick Up	$15,825
NH 320 Baler w/Hydro Formatic	
NH 70 Thrower	$9,825
NH 38 Crop Chopper	$3,975
NH 238 Wagon	$2,050

JOHN DEERE

USED EQUIPMENT
INT. 475 DISC
JD 5020 tractor
MOTT MOWER - 48 In.
JD 54 Manure Spreader
JD 4400 Combine
JD 105 Combine
Oliver 5x16 Plow
1-JD AW disk harrow, 14'
4440 Tractor w/cab & air
JD 2240 w/145 Loader
18.4x34 M&W Hub Dual
20.8x34 JD Hub Dual
18.4x34 Snap On
24.5x32 Snap On
F145-5 Bottom Plow

NEW EQUIPMENT
JD 415 Rotary Hoe
JD 7100 8-row 20" bean planter
JD 7000 - 4 Row & 6 Row Conservation Planter
1 - JD 506 Gyramor
2950 Tractor
4250 Tractor
JD 850 Tractor
JD 2350 Tractor

OTHER LINES NEW EQUIPMENT
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)
Ceco Farm Buildings

COVERT & SONS, INC.
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

Ford Tractors Equipment
SPERRY NEW HOLLAND

TRACTORS
Farmall H
JD MT w/Plows, Cultivators & Planters
JD 4400 Combine, 13' Grain Head, 4 Wheel Wide Corn Head
Ford 8000
Ford 5000 w/Gas
(1) Ford 555 14' Tractor/ Loader/ Backhoe
Ford 750, 550, Tractor/ Loader/ Backhoe Cab
Ford NAA w/Loader
AC D17 Tricycle
900 5 Speed Gas
AC 5040
4000 SOS
6600 w/Cab
6600 w/Factory Cab
7710 1 yr. old, 400 hrs.

EQUIPMENT
(1) NH 328 Spreader
(2) NH 518 Spreaders
IH 830 Fg. Harvester, Corn & Hay Heads
NH 273 Baler w/Thrower
68 NH Baler w/Thrower, Elec. Controls
IH #27 Baler w/#10 Thrower
IH 440 Baler w/Thrower
(2) Ford 9 tooth Soil Saver
Lawn & Garden Tractors w/Mowers & Snow Blowers

CHARLES S. SNYDER INC.
RD3
Tamaqua, PA 18252
Phone: 717-386-5945

USED TRACTORS
JD 350 Dozer, New Clutch, F&R Shifter Recently Overhauled
JD 440 Gas Dozer
Oliver 1850 Perkins Motor, WF, Live PTO, Dual Hydraulics
Oliver 1750 WF, Live PTO, Dual Outlets
Farmall Super M w/2 Row M & H Corn Picker
NI 323 Corn Picker
NI 2 Row Narrow Row Corn Picker
JD 24 Diesel Skid Steer Loader
Case 530 Diesel, Backhoe and Loader

CARL W. KENSINGER FARM MACHINERY
RD 2 Box 522A
Duncansville, Pa. 16635
814/696-0868
South of Altoona on Rt. 220 or 25 Miles North of Bedford T/P Exit

JOHN DEERE *Nothing runs like a Deere*

CLUGSTON IMPLEMENT, Inc.

SPECIALS
JD 300 B Loader & Backhoe

USED TRACTORS
JD 4010
JD 3020
JD 2030 w/Loader
MF 1135 w/cab & air
Ford 9N
Farmall A

NEW TRACTORS
JD 4250 SG, PS, MFWD
JD 4250 4 Post, PS
JD 2950
JD 2950, SG
JD 2950 MFWD
JD 2750
JD 2350 MFWD
JD 850
JD 650

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
Haybuster No-Til Drill Also for Rent

NEW PLANTERS
JD 7000 4 & 6 Row Consv.

USED HAY & FORAGE EQUIPMENT
JD 5440 SP Fg. Harvester, 4 WD, 1180 hrs.
JD 1209
JD 2 Row Narrow Corn Heads
NH 2 Row W 880 Head
NH 278 & 269 Baler w/Thrower
JD 24T Baler w/Thrower
Fox 3000 Harvester w/heads
Fox 2000 Harvester w/heads
JD 336 Baler
NH 26 Blower
JD Rake

USED MISCELLANEOUS
NH 352 Grinder Mixer
200 Gal. Sprayer
Post Hole Digger

NEW SKID STEER LOADERS
NH 445, 555
Bobcat 643, 743, 843

NEW DRILLS
JD 8250 14x7
JD 8300 18x7

USED CORNPLANTERS
IH Cyclo 400 4 Row
IH 56 4 row
JD 7000 6RN w/min. till attach.
White 5400 6RN No-Till & Plateless

NEW SPREADERS
JD 780 & 450
NH 519, 679, 791
Martin S1466 & S1678 Scavenger
Martin Equalizer
H&S 295 Spreaders

NEW HAY & FORAGE EQUIPMENT
NH 782, 892, 892 w/metal Alert Fg. Harvester
JD 5720 SP Fg. Harvester w/Iron Guard
JD 3960 & 3950 Fg. Harvester
JD 347 Balers
JD 430 & 530 Balers
NH 849 Round Baler
NH 489, 495, & 499 Haybines
NH 256 Rake
JD 660 Rake
Miller 2150 Forage Wagon
NH Forage Wagon
H&S Fg. Wagon
H&S Bale Wagon
Kuhn Hay Tedders & Rakes
Kuhn 10' Disc Mower/Cond.

NEW MISCELLANEOUS
Demco Sprayer 600 gal.
NH Grinder Mixers 353, 358
JD #27 Flail Shredder

Ask About Waiver of Finance on NH & JD Equipment
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103
bobcat SPERRY NEW HOLLAND

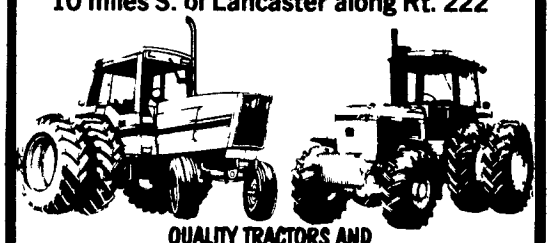
VERMEER HEDLUND MARTIN INC Vicon

NEW EQUIPMENT
- Vermeer 504H Baler
- Vermeer HL12 Baler Mover
- Vermeer 107 No Til Grain Drill
- (5) Scranton Round Bale Feeders
- (1) Hedlund Martin 1263 Scavenger II Spreader
- (1) Vicon 230 Gal. 3 pt. Hitch Sprayer with 35 ft Booms
- (1) Vicon 950 lb. Spreader
- (1) Vicon 15' Power Harrow
- (2) Vicon RP 1210 Round Balers
- (1) Vicon SP 450 Square Baler w/Thrower
- (1) Vicon 460 Square Baler w/Thrower
- (2) Vicon 8' Mower Conditioners
- (1) Vicon 11' Mower Conditioner
- (1) Vicon 5½' Mower

USED EQUIPMENT
- Haybuster 1068 Semi-Mounted No-Till Drill
- Vicon 10' Power Harrow
- 650 lb New Idea Fertilizer Spreader, 3 pt
- New Idea Manure Spreader w/Hyd End Gate

RED WING FARMS
R D #1, FLEETWOOD, PA 19522
PHONE NUMBER: 215-944-0402

HERR & LEAMAN
Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222



QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & BACKED WITH A WARRANTY/WILL DELIVER ANYWHERE

JD 8630, 1976 cab and air, factory cast duals, 3 outlets, 3 pt. hitch & PTO, nice & clean.
JD 4240 w/sound gard, cab & air, 38" rubber, nice tractor
JD 4000 Diesel, wide front, year round cab, fully equipped
JD 4430 w/sound gard, cab & air, fully equipped
JD 4430 sound gard, cab & air, very nice
JD 730 Diesel, w/fenders, nice
JD 730 Diesel w/3 pt.
JD 2630 w/Independent PTO and Hi-Lo, roll guard
JD 1530 Diesel, excellent
JD 4320 w/factory cab, wide front, 3 pt.
Quick attach loader for JD utility tractors
IH 884 w/TA fully equipped, like new
IH 684 fully equipped, very nice
IH 1086, cab, SOLD iff. lock, fully equipped, 79 model w/low hours.
(2) IH 1456 w/factory cab, dual PTO's and hydraulics, sharp
IH 1256 wide front, 3 pt., dual PTO's
IH 1256 w/complete engine overhaul
IH 856 Diesel, 3 pt., wide front, no TA, 1 owner, $6900
IH 1066 w/factory red cab & air, new TA & clutch, dual PTO & hydraulics
IH 1066 w/out cab, clean
IH 656 Diesel, wide front, 3 pt. - dual outlets w/cab
IH 656 SOLD, WF, 3 pt.
Farmall Super C w/rebuilt engine, wide front, fast hitch & cultivators
AC 5040 Diesel, late model, one owner
AC WD
MF 1080 w/multipower, dual remotes, 16.9x38 rubber
Gehl 3000 skid steer loader

HARVESTING EQUIPMENT
NI 705 Diesel, reconditioned, late model
NI 703 in line 6 cylinder gas w/heavy front and rear axle
NI 702 Diesel w/heavy axle
(2) NI 717 combine, one is excellent
NI 729A Sheller
(2) NI 737 huskers, one like new
(2) NI 727 husker, very nice
(4) NI 738 4 row narrow corn head
NI 730 4 row wide corn head snapper rolls
NI 735 3 row narrow corn head stripper bars
NI 725 3 row narrow corn head stripper bars
NI 760 Chopper
NI 766 Grass Pick up head, like new
NH Sup SOLD Blower

MISCELLANEOUS
Factory IH cab for 66 series tractors, $500
Cab to fit JD 3010 through 4020, $400
Dual wheels - 34's and 38's
Cab w/air to fit IH tractors, 66 Series
Cab for IH 544 through 656

Box 91 New Providence, PA 17560
Business Ph. 717-786-1606
Daytime and Most Evenings

NEW TRACTORS
JD 2150 MFW-TSS w/Hi-Lo
JD 2350 Dsl. TSS w/hi-lo
JD 2440 Dsl.
JD 2750 Dsl. TSS w/hi-lo
JD 4650 SGB and PS — **Call For Prices**

NEW MACHINERY
JD 680 Spreader
JD 445 Spreaders — **$4,000**
JD 315 13' Disc
JD 660 Rakes w/rubber teeth
JD 3940 Fg Harvester
JD 712 Mulch Tiller
JD 2600 5Bx18" Plow
JD 1250 Plow 4Bx16" — **$2450.95**
JD 2700 6Bx18" Plow
JD 16x10 FF Drill — **$4,000**
JD 327 Baler w/ejector
JD 27 Flail Shredder
JD 965, 1065, 1075 & 1275 Running Gears

USED MACHINERY
1-IHC 830 Fg. Harv. 1981 model, PU & 2 R.C. H — **$9,500**
1981 White Combine 7300 w/704N 4 Row Corn Head — **$22,500**
JD A Tractor — **$1,050**
JD B Tractor — **$1,200**
JD 50 Tractor w/Loader — **$2,200**
JD 435 W Corn Head — **$2,500**

JOHN DEERE
WALTER'S SALES & SERVICE, INC.
RD 2 Box 49 Mifflinburg, Pa.
717-966-3778
JD Agricultural Dealer and CP

LOST CREEK IMPLEMENT
Oakland Mills, PA 17076
717-463-3511 463-2161
JOHN DEERE

COMBINES
Gleaner F w/13' platform & 430 corn head, AC, sharp
750 MF w/14' platform, air cond., hydro, good
6620 JD level land w/13' head, 1 yr. old, 500 hrs., like new.
New 4420 combine
New 6620 side hill combine
Used 443 corn head, late style
Used 444 corn head, very good
Waiver on New & Used

GREEN VALUE EQUIPMENT

USED TRACTORS
70 h.p. 6600 Ford w/dual outlets, 18.4x30 tires, weights, like new
JD 50
9N Ford
MF 65 tractor, good condition
15 HP Satoh Beaver diesel, 4WD, $2,900
04 International Harvestor - collector item, $1,100
(3) JD B tractors, all nice, $1,000 each.
Farmall C w/mower, plow and front blade, sharp
Farmall H
JD 530 tractor, sharp

TILLAGE - Reduced
10' IH 350 disk, excellent
JD 145 plow, 5 btm. 16"
JD 1250 4 btm., 16" integral $1,200
JD 145 4 btm., 16", very good
Case 4 btm., 16", semi-mounted, $950
IH 401 harrow hyd. control, very good, $595
18' transport harrow
JD 2 btm. trail plow
JD BWA disk harrow 12'
JD 125 4-16 mtd. $795
JD 2 btm. mounted plow

DRILLS & PLANTERS
IH 56 4 row insecticide, nice, reduced to $1,300
JD 494A 4 row
4 Row Oliver-White 540 planter, dry insect. disk
JD 17x7 FB drill, very good
JD 246 3 pt. hitch planter
5' Rotary Cutter

HAY & FORAGE
NI forage blower $795
IH 440 baler w/thrower, $3,000
JD 38 forage harvester w/2RC
JD 800 SP windrower, 10', good condition, $2,750
NH #8 Forage Wagon w/8 ton running gear w/3rd beater & roof, excellent
IH 110 forage wagon, good, $2,000
JD 16A flail chopper, very good
NH 616 Harvester w/2 heads
Ford 3 pt. hitch mower
NI wheel rake
JD 483 mower conditioner
NH 479 haybine
NH 315 baler w/thrower
Used gravity bin w/running gear, 1 yr. old

New Killbros Gravity Bins & Zimmerman Elevators

FARM EQUIPMENT

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
AARON S. GROFF & SON
(717) 354-4631
Also See Ad On Pages B24 & 25

WISCONSIN HEAVY DUTY ENGINES
6-65 H.P.

Wisconsin
VG 4D 37 HP w/Clutch Reduction $2295
TJD 18.2 HP NH Baler Repl. $925
AENLD 9 HP w/Clutch Reduction $975
(Engines in stock to fit most popular skid loaders)

Wisc.-Robin
W1-145 3.5 HP $199
EY 18-3W 4.6 HP $250
EY27W 7.5 HP, Recoil $355
EY27W 7.5 HP, Electric Start $525
EY27W 7.5 HP w/Pump Shaft $360
EY44W 10.5 HP, Recoil $475
W1-390 11 HP, Recoil $485

Honda
G100 2 HP $199

Kohler
K181 8 H.P. 6-1 Reduction $550
K301 12 H.P. Electric $525

Ford Industrial Short Blocks
300 CID Gas $750

Authorized Service Center
• Complete Rebuilding • Large Parts Inventory

FISHER ENGINE SERVICE
3141 Old Philadephia Pike
BIRD-IN-HAND, PA 17505
(717) 768-3729

ANNOUNCING OUR SPECIAL FINANCING ON NEW EQUIPMENT 2.5% APR FOR 5 YEARS

USED TRACTORS

JD 4040	AC D14
JD 3020	JD 2640 Like New
AC D15	JD 4040 w/Cab
JD 4640	IH 1566 w/Cab

USED COMBINES
AC M2 4 Row Head 15' Platform
AC F w/13' Platform
AC K2 2 Row Corn Head 10' Platform
AC N5 Rotary
AC N6 Rotary

NEW & USED IMPLEMENTS
NH 1495 Self Propelled Haybine Like New, Ex. Cond. $14,800
NH 513 Spreader
2 Used Manure Spreaders
10 Used Square & Round Balers
4 Used Haybines
3 Used Plows

SPECIAL SAVINGS ON ALL NEW & USED FARM EQUIPMENT - PLUS FREE FINANCE UNTIL USE SEASON

UNIONTOWN FARM EQUIPMENT
Box 1030 Rt. 119N
Uniontown, PA 15401
Call 412-437-9851

MID-SUMMER SPECIAL
- Wisconsin VH 4D, 30 H.P., Bobcat 610 Replacement $1795.00
- Wisconsin VH 4D, 30 H.P. w/Clutch Reduction Crankstart $1950.00

FISHER ENGINE SERVICE
3141 Old Philadelphia Pike
BIRD-IN-HAND, PA 17505
(717) 768-3729

NEW TRACTORS
JD 650 4WD
JD 2350
JD 2640
JD 2750
JD 2950 MFWD
JD 2950 MFWD & Cab
JD 4050 RG, PS
JD 4250 Cab, PS

NEW EQUIPMENT
JD 1219 Mower Cond.
JD 712 Mulch Tiller, 11 ft. 3 in.
JD 1610 Chisel Plow, 8 or 10 ft.
JD 950 Roller Harrow, 12 ft.
JD 1250, 4-18" Plow
JD 415 Rotary Hoe
JD 327 Baler w/30 Ejector
JD 430 Round Baler
JD 450 Hydra-Push Spreader
JD 240 Loader w/73" Bucket
JD 66 Forage Blower
JD 716A Forage Box
JD 506 Rotary Cutter
JD 7 ft. Hay Pick-up

USED EQUIPMENT
JD 100 Stacker
JD 100 Stack Mover
JD "A" Tractor
JD 24T Baler w/No. 2 Ejector
JD 2440 w/Hi-Lo, 900 Hrs.
IH 606 w/Loader
IH 990 Mower Conditioner
JD 1209 Mower Cond.
NH 495 12' Haybine
NH 479 Haybine
Owatonna SP Mower Conditioner
Row Crop Head 3 Row Wide
AC 600 4 Row Liquid Planter
IH 56 4 Row Dry
Grove Forage Wagon
JD Model 350 - 5 Bottom Plow
JD 3-14" plows
JD #18 Corn Picker
JD 216 Forage Box w/1065 Wagon
JD 480 Mower-Conditioner
JD 40 Spreader w/Rear Pan
JD 65 Rear Blade, 7 ft. like new
Ford 340 Skid Steer Loader
JD 2 Row Wide Corn Head

Grimm Hay Tedders On Stock Parts Available | 50" & 60" Bale Bags On Stock

Miller-Lake, Inc.
R.D. #2 Box 273A
Belleville, PA 17004
Ph. (717) 935-2335

JOHN DEERE

DEUTZ

USED TRACTORS & EQUIPT. IN STOCK
Hay Tedder, Vicon, 10'
Fahr KH-40 hay fluffer, 14' PTO driven
John Deere 480 mower conditioner
20 8x38-8P G Y power torque, new, slight damage pair, $800
14 9x28-6P G Y power torque, new pair $330
MF-1150 V-8 engine, turbo multi-power trans
Case 930 gas, comfort King, wide front
Case 830 diesel, comfort King, Case-O-Matic, wide front

NEW TRACTORS & EQUIPT. IN STOCK
D5207 Deutz tractor, 52 h p
D7007 Deutz Tractor, 68 h p
DX 4 70 Deutz tractor, 90 h p. w/4 post safety frame
DX 120 Deutz tractor, 111 h p, w/4 post safety frame
Leon 636 heavy duty front end loader, fits Deutz tractors
Deutz-Fahr KH300 9 8' Hay Tedder
Deutz-Fahr KS85 Hay Rake
Custom-built diesel Gen-Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L-912 diesel engines 20-32 H P electric start

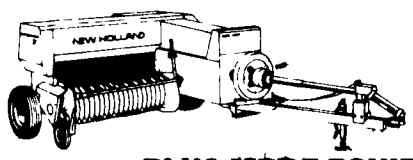
Stauffer Diesel Inc.
312 West Main Street
New Holland, PA
PHONE 717-354-4181

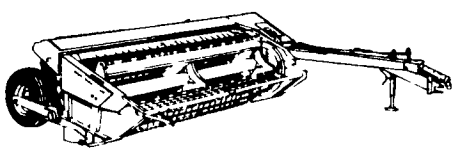
DEPENDABLE MOTOR CO.

East Main St., Honey Brook, Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #311 Engine Baler, Hitch & Chute, Steel Wheels	ONE ONLY	$8700
NH #311 PTO Baler, hitch and chute		$7120
NH #256 Steel Tine Rake		$2145
NH #256 Rubber Tine Rake		$2300
NH #456 Mower		$2470
NH #30 Blower		$2865
NH #28 Blower		$2915
NH #782 Harvester, manual controls		$9350
NH #782 Harvester, electric controls		$9890
NH #770W Pickup Head		$1925
NH #8 Forage Box, 3 btr. and roof w/234 wagon and 13:50 tires, adjustable tongue		$7240
NH 363 Tank Spreader		$4295
NH 519 Spreader, 11:20 Tires		$4725
NH #425 Skid Loader 60" bucket, 10:50 Tires		$12,675





PLUS MORE EQUIPMENT IN STOCK - CALL TODAY
• SPECIAL DEALS ON THE ABOVE-PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY EQUIPMENT TILL JULY 1, 1985 & FORAGE EQUIPMENT TILL SEPT. 1, 1985 OR SPREADERS AND GRINDERS TILL OCT. 1, 1984 OR CASH REBATE

SPERRY NEW HOLLAND

DEPENDABLE IS MORE THAN OUR NAME

NEW! DX 4.70 DEUTZ TRACTOR

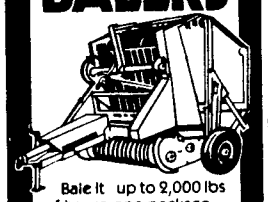
90 HP, 250 CID Turbo Charged Deutz Air Cooled Diesel Engine. Low Hood Profile. Short 92 In. Wheel Base. 15 Speeds - All Synchro. Disc Brakes. PTO 540/1000 RPM. Hydrostatic Steering. Bottom Link 3 Pt. Sensing. AWD Version Is Center Drive, Automatic Locking Differential Plus Short Turning Radius.

TEST DRIVE IT ON YOUR FARM

Available For Demo... Call Harold Stauffer

Stauffer Diesel Inc.
New Holland, PA (717) 354-4181

HAY! BALERS



Bale it up to 2,000 lbs of hay in one package Up to 15 tons per hour Solid from the core to the outside wrap

- 25% heavier than other large round packages 25% less spoilage
- A bale that retains its shape — and nutritional value — better than any other hay package in the field
- Five different models to fit your needs
- The best part? It's the most competitively priced baler in the field today!

Vermeer

The one man hay system includes disk and drum mowers, tedder rakes (twin rakes which can rake 3-9 ft. swaths into 1 adjustable width windrow) New and Used Balers, Bale Movers and Bale Busters

JOHN MCGILL
Western PA
412-352-3582

USED FARM EQUIPMENT

AC 7000 600 hrs.
JD L Tractor w/Plow & Cultivators
JD 50 Tractor
JD 520 Tractor
Kubota - L185 - w/L59 Woods Mower & Snowblade, 992 Hrs. 1980 Model
IH 1086 Tractor - 3116 Hrs. 1977 Model
JD F350 4x16 Power Reset Semi-Mtd. Plow
JD F145A - 5x16 Semi-Mtd. Plow
JD 1010 22½' Field Cultivator, Like New
JD 494A Corn Planters
AC 7 Row No-Till Bean Planter
JD 7000 4 RN Planter, Like New
Century 200 Gal. Trailer Sprayer
IH 13 ft. Roller Harrow
JD 896 Rake
Brillion 12' Cultipacker
JD 7 ft. Killifer Offset Disc Harrow
JD TWA 11 ft. 24 Blade Plowing Disc Harrow
IH 500 11 ft. heavy Duty Disc Harrow
JD 567 Wheel Rake w/6 Wheels, Like New
JD 4 Row Frt. Mtd. Cultivator
Sauder Loader for JD 2010 Utility
JD 148 Loader
JD 34 Spreader, excellent
JD 8300 21x7 Plain Grain Drill w/DD-Openers
JD FB-B 17x7 Drill
NH 355 Grinder Mixer, Excellent
JD 444 Corn Head, Like New
JD 7700 Hydro Combine
JD 3300 Combine 1976 Diesel Engine w/13 ft. Platform, 244 Corn Head
JD 45 Combine w/Grain Head & 2 Row Corn Head
NI Cutditioner
Flat Bed Dump Wagon
Papec Forage Wagon
JD #1 Bale Ejector
JD #1 Hay Conditioner

NEW FARM EQUIPMENT SPECIALS

JD 4050 Tractor With 4 WD } Call For Price
JD 215 11 ft. 5 in. Dura Cushion Disk Harrow
JD 215 12 ft. 10 in. Disk Harrow

PACE
VISA

NEUHAUS'ES INC.
John Deere Sales & Service
RD2, York, PA 17403
Phone - 717-428-1953

INTERNATIONAL HARVESTER

USED COMBINES

Int. 125 w/Grain Head
Int. 715D - hydro, late model

USED TRACTORS

Allis Chalmers WD
Ford TW 10 w/1425 hrs.
JD 430

USED EQUIPMENT

900 Badger Blower
Int. 3 pt. #5500 Chisel Plow
Huff Pay Loader
NH #518 Manure Spreader
Int. 510 Grain Drill 16x7 combination S.D., Nice
Gehl #710 Forage Box
Int. 400 Syclo 4 Row Corn Planter
Ontario Hoe Drill

NEW GEHL EQUIPMENT

G806 8 Ton Running Gear
960 Forage Box w/roof
1540 Forage Blower
3510 Skid Loader
#100 Grinder Mixer
#2330 Disk Mower Conditioner

#1460 Combine In Stock Now

International Axial-Flow Combines

Four sizes to meet your needs

They're the world s most advanced line of combines Because a rotor replaces the conventional cylinder and troublesome straw walkers Threshing and separating are more thorough there are fewer cracked kernels and, there is less downtime and fewer repairs

Four models 13 to 30 foot platforms

- 1420—124 hp diesel engine and 125 bu grain tank
- 1440—135 hp diesel engine and 145 bu grain tank
- 1460—170 hp diesel engine and 180 bu grain tank
- 1480—210 hp diesel engine and 208 bu grain tank

Finance plans available

Eckroth Bros. Farm Equipment

RD 2 Box 24A, New Ringgold, PA 17960
717-943-2131
7:30 - 5:30 Mon.-Fri. 7:30-4:00 Sat.

9.9%

APR for 42 Months

HARVEST A DEAL!

You asked for low interest... you got it!

Your choice of flexible financing!
You told us you were looking for low interest and flexible financing on tractors and we responded with plans that fit the way you farm Make your best deal now on a new MF Tractor, 34 PTO hp and over, and take your choice of

9.9% APR MF Financing for 42 months
or
Waiver of Finance Charges 'til Jan. 1, 1985*

* Down payment and qualified credit required

Plus big factory discounts in the bargain!

New MF 240 8 speed 34 h.p. standard clearance tractor.
List Price $12,500
Special $9,850
New MF 1144 Corn Head
List Price $13,640
Special $9,500
Prices good until Aug. 31, 1984

NEW EQUIPMENT IN STOCK

MF 240 8 spd Tractor
MF 250 Tractor
MF 1144 Corn Head
Rakes
Forage Wagon
Mower Conditioners
MF 13' Ull Reel
Rotary Mowers

New Conde Vacuum Pump $1,000

USED EQUIPMENT

MF 510 Combine
1977 MF 760 Combine w/6 row Corn Head & 16' Grain Table, 900 hrs.
1975 MF 750 Combine w/63C Corn Head & 14' Grain Table
MF 285 Diesel Tractor w/cab
Ford 1500, 4WD Tractor, 300 hrs.
JD 6 Row Cultivator
NH 68 Baler w/Thrower
JD 14T Baler
1976, MF 750 Combine w/4 Row Corn Head, 1000 hrs.
MF 1163 Corn Head, Used 1 Season
MF 13' Floating Cutterbar
Ford 530 Baler
IH 105 Combine w/13' Grain Head
Woods 42" Rear Mount Mowers

See Us For All Your Farming Needs

Renting skid steer loaders. Radio Dispatched Service

MF Massey Ferguson
Your Business Machines

ABRACZINSKAS Farm Equipment, Inc.

RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

CHAMBERSBURG FARM SERVICE, INC..

975 S. Main St. Chambersburg, PA
(717) 264-3533

OMC
AVCO NEW IDEA
Badger

USED TRACTORS

IH 786 w/700 hrs
IH 454 w/1100 hrs
IH 826 Hydro
IH F 656 D (Overhauled)
IH F 706 G (Overhauled)
IH F 656 G w/Cab (Overhauled)
IH F 656 G Gear
IH F 340
IH 154 w/Mower
IH I 504 w/NI Loader
IH Super C
IH Super A w/Cults
IH H
IH M
IH Farmall B
IH F 450
IH F 560 D
IH Cub w/Cult
MF 35 D w/Loader
JD 620
JD 4620
JD 4020
JD 2010 G

BALERS

IH 47 w/Thrower
OMC 540 Stacker
OMC 540 M Mover
Hesston 10 Stacker
Hesston 10 Mover

BLOWERS

IH 56
NH 27
Fox 656
Fox 660
Fox 44 Table
Hussler 56
JD 66
Gehl 99
AC 48
Dion 56
Kook KB 60

COMBINES

MF 410
IH 1460 700 hrs
IH 303 w/Cab
IH 715 w/Cab
IH 205

CULTIVATORS

IH 4 R Mtd - 560
Case 2 R Mtd - SC
Oliver Rotary Hoe 3 pt

ELEVATORS

Zimmerman 40'
Mulky 32'

GRINDER MIXERS

IH 1250 w/Scales
IH 1150 w/Scales

HARROWS

Oliver 10' Disc
Brillion 10' Cultipacker
IH 47 Disc 13'
Athens 13' Disc
Perry 12'
JD 12'
JD WRA 13' Disc
Miller 10' Offset Disc
Nemyer 3 pt Harrow Tiller

WINDROWERS

NH 33 Flail Chopper
Bearcat Flail Chopper
Case 555 9'
8 Ton Wagon Chassis
JD Hay Tedder
AC 904 9'
Gehl 108 9'
IH 5000 w/Cab

LOADERS

IH 2350 Fast Attach
IH 2050 A
NI 502
NI 504
NI 506
Kwik Way (IH 284)
Hydro-Mac 10 Skid

MOWERS

IH 222, like new
IH Super A rear Mtd
JD 5 Sycle
MF Dyno Balanced
NH 46 Sycle

PICKERS

NI 324 2 RW
NI 330 3 RN
IH 234 Mtd
NI 314 Sheller

PLANTERS

IH 400 4 Row
IH 56 4 Row
IH 56 2 Row
Ferguson 2 RW 3 pt
JD 7000 6 Row

PLOWS

IH 720 5x20
IH 450 3x16
Oliver 565 4x16
Oliver 3x14
IH 209 2x14
JD 345 4x16

SPRAYERS

Demco 500 gal
Johnson 300 gal
Century 300 gal
Oliver 200 gal

WAGONS

IH 105 16' Forage
Gehl 912 16' Forage
Grove 14+16' Forage
JD 115 16' Forage
16' Bale Wagon
Butler 1830 Feeder Wagon
Vandal 180 Mixer Wagon

FORAGE HARVESTERS

Gehl 600 2RN+P
Fox 2200 2RN+2RW
JD 38 2 RW
IH 550 2 RWN+P
IH 555 2 RW+P
Fox 1000 2 RW+P
Fox 546 2 RW+P
Fox 249 Snapper Head

BARN EQUIPMENT

Brillion 60' Feeder
Katolite 1800 Watts Alt
Badger Barn Cleaner
Badger 24' Silo Unloader
Silo-matic 24' Silo Unloader
Silo-matic 14' Silo Unloader

MANURE SPREADERS

NI 218
NI 224
NI 213
NI 212
NH 790
Hawk Built 357
Clay 1500 Liq
Martin Scavenger 1666

GRAIN DRILLS

JD-FBB 13x7
Tie No-Til 80"

UNI EQUIPMENT

708 Hydro
767 Super Chopper
768 3 RWN Head
731 4 RW Head
744 N 4 RN Head
844 W 4 RW Head
770 Adapter
818 Combine
729 A Sheller

RAKES

NH 57 R 3 pt
Vicon Turner
Darf Whl Rake
Tonutti Whl Rake

COMING IN.

Pequea Hay Tedder
Vicon 4 whl rake 3 pt hitch
(2) Grove wagons, hydro drive rear unloading

MELROSE FARM SERVICE

Greencastle, Pa. (Second Location) 717-597-3138

PARTS VALUE OF THE MONTH

Get a FREE chain wear gauge

Come in and get a free chain wear gauge. Use it to check the wear of your combine chain—*without* removing the chain. There's no handier way to determine whether you're ready to harvest.

...and save up to

24%

off regular IH suggested list prices

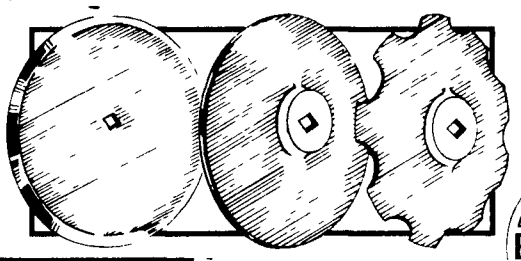
HARVEST OF VALUES

Make an important savings—up to 24%—during our Harvest of Values Parts Value of the Month Sale. We've made significant price reductions on popular belts, roller chain, plus many parts and supplies you'll need for the harvest season.

PARTSMART

INTERNATIONAL HARVESTER

We Ship Parts UPS, Parcel Post-Same Day! Call For Stock Items



IH DISK HEADQUARTERS!

EARTH METAL

EARTH METAL DISKS: 60% Stronger! 20% Longer Life!

C-shape bearing standards Allow gangs flex to ride over obstructions

IH 496 FLEX WING DISK HARROWS WITH EARTH METAL DISKS!

New.... 22'2" - 7½" Spacing, Cushion Gang - Model 496

18'7" - 7½ Spacing, Cushion Gang
19'1~~3~~ SOLD " Spacing, Regular Gang
22'9" Spacing, Cushion Gang

WAIVER or CASH REBATES ON DISK HARROWS TIL 5/1/85

CALL US FOR IH DISK HARROW PARTS IN STOCK!

IH GRAIN DRILLS

• In Stock - Ready For Delivery •

Trailer Load Just In! 16x7 Plain, 18x7 Plain, 20x6 Plain, 24x6 Plain

★ WAIVER TILL 5/1/85!

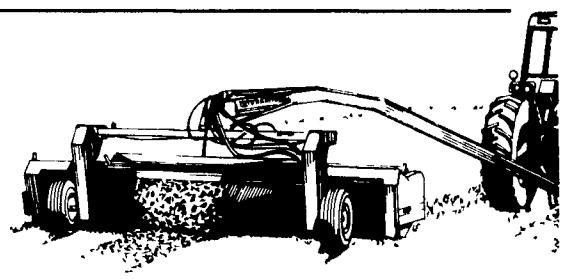
TILLAGE EQUIP. IN STOCK!

415 Packer Mulchers, 12'2, 13'2, 14'2 & 21' In Stock
No. 10 Subsoiler, 3 & 5 Shank
No. 14 Subsoiler, Auto Reset, 5 Shanks
IH 4600 Hyd. Folding 26' Field Cultivator-Demo Avail.

★ WAIVER TILL 3/1/85

INTERNATIONAL HARVESTER

1490 MOWER CONDITIONER IN STOCK!



12 Ft. Cut with 9 Ft. Conditioning Rollers

★ Call For A Free Demonstration ★

★ WAIVER TIL 6/1/85

"MAKE 'EM RED" Allowance Up To 20% Company Discount On Selected Equipment

INTERNATIONAL HARVESTER

WAIVERS, CASH REBATES or LOW RATE FINANCING AVAILABLE!

New & Used Tractors	Til 3/1/85
Used Combines, Headers And Cornheads	Til 6/1/85
New or Used Planting And Cultivating	Til 5/1/85
New or Used Soil Preparation	Til 3/1/85
New or Used Hay & Forage	Til 6/1/85
New or Used Materials Handling	Til 3/1/85

CALL NOW FOR OUR SPECIAL PRICES!

- 884 Row Crop
- IH 4600 Hyd. Folding 26' Field Cultı. Transport w/13'9-Demo Avail
- 3288 D w/Rops
- 15 Rear Blade, 3 pt.
- 20 Rear Blade, 3 pt.
- 5500 11 Ft. Mounted Chisel (Demo.)
- 735 6-Btm. Vari-Width-8%
- 1350 Grinder Mixer-Special Price!
- 881 For Harv w/Heads
- 781 For Harv. w/Heads
- 595 Spreader
- 560 Spreader
- 183 4-Row Cultivator-Narrow & Wide Available
- (2) 963 Cornheads
- IH 3450 Round Baler
- 35 Hyd. Drive Hay Rake
- 375 10 Ton Tandem Wgn Gear
- (2) IH 1420 Combines - Demo Allowance Available
- 810 1~~SOLD~~leader, Demo
- 810 13 Ft. Header

ALLOWANCES ON SELECTED TRACTORS UP TO 20%

★ IH 884 R/C-Rental Unit
★ IH 784 & 684 R/C
★ IH 3088 ★ IH 3288 w/ROPS-Rental
★ IH 3688 w/Cab
★ IH 5288-Rental Demo-Special!
★ IH 5088 w/18.4x38 Duals
★ IH 5088 w/20.8x38 Radials

IH 6788 TRACTOR

4 Wheel Drive, 160 + HP, 18.4x38 Duals...

20% DISCOUNT

USED EQUIPMENT

TRACTORS: Waiver til 3/1/85
IH 806, 3 pt. Hitch, Wide Front, TA, $5,500 (No Trade)
(2) IH Farmall "C"
Farmall Super C w/Fast Hitch & Cult.
Farmall 300
Farmall 400
Int. F12 w/cult.
IH 966D w/Cab
IH 450 Gas, wide Front — $2250
IH 404 Low Utility, 3 pt. Hitch, w/Mott Mower & Snowblade
MF TO-20 w/Turf Tires
MF 33 w/3 pt. Hitch
IH 240 w/Fast Hitch

TILLAGE: Waiver Til 3/1/85
Athens 11 Ft. Chisel Plow, 3 pt. Hitch
Brillion 16' Single Packer, Like New
(2) Brillion 6 ft. Single Packers
Pittsburg 11'6" Disk
JD KBA Disk, 9' — $750
JD KBA 12' Disk
JD 2500 7-Bot. On Land Auto. Reset Plow
IH 37, 35 In Various Sizes
Oliver 4-Bot. Semi-Mtd. Plow
IH 440 4-Bot. Plow
IH 645 Vibra Chisel, 13½', Trailing
IH 45 Vibra Cult., 12½', Trailing - $1,250
IH 45 Vibra Cult., 13½' Folding
AC 1-Bot. Trailing Plow
MF 520 20' Folding Disk
Vicon 10' Power Harrow — Was ~~$2,500~~ — Now $1,800

LAWN & GARDEN:
IH 72 Cadet w/Mower
IH 105 Cadet w/Mower
MF 340 Snowmobile, Good Shape — $750
Dayton 10 HP w/Blade and Mower — $850

PLANTERS: Waiver Til 5/1/85
JD 7000 Conservation, 6 Row, Liq. Fert., Like New—Field Ready
IH 2-Row Fast Hitch
IH 2-Row Trailing
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump — Nice!
JD Van Brunt 13x7
JD 15x7 Drill, DD, Comb.
IH Fast Hitch, 2 Row Cult., Like New
IH 200, 3 pt. Hitch, 2 Row Cult., Like New

COMBINES: Waiver to 6/1/85
715 Diesel Hydro w/13' Floating Cutter Bar and 744 Cornhead
AC Model C2, 12' Hd., 4-Row Wide - Rough Cond. - ~~$2,000~~ Now $1,800
MF Model 300 Gas, 2-Row Hd., & Platform - Rough Cond. — ~~$1,200~~ Now $1,100
(2) 810 13' Cutter Bars
IH 1460 (1980 Model) w/963 Cornhead — 1100 HRS., Like New!
IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 227 Cornhead, fits 315, 205 or 203
IH 234 Picker w/Husking Bed, Mount for 656 Farmall
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

IH PARTS COMBINES:
IH 315 Hydro & Plat.
IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd. & 12 Ft. Plat.
IH 227 Cornhead

HAY & FORAGE: Waiver Til 6/1/85
IH No. 51 Forage Wagon
IH #5 Flail Chopper, Direct Throw
NH No. 26 Blower
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper
NH 36 Crop Chopper
(2) NH No. 6 Crop Carrier Forage Wagons - good shape!
1014 Hesston Mower Cond.
NH 269 Baler w/o Thrower
IH 27 Baler w/Thrower
IH 420 Baler w/o Thrower
IH 440 Wire Baler w/Thrower
(2) IH No. 10 Bale Throwers
Grove Bale Wagon
5026 Elec. Wheel, 8 ton Gears
IH Direct Cut Head For 15 or 16 Chopper
IH No. 14 Rake

MATERIALS HANDLING: Waiver Til 3/1/85
Front Mtd. Forklift for 20 Series JD Tractor
Farmhand Loader for IH 74 Series Tractor
7x14 Dump Wagon w/Midwest Hoist-Real Nice!
MF 711 Skid Loader w/Bucket

MISCELLANEOUS:
New FMC DO-10E 200 S, Electric Start, Pull Type or Skid Mount Sprayer, 200 Gal. Stainless Steel Tank w/10 GPM Pump — $3,150
McCurdy 20' Trailing Harrogator — $1,300
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor — $750
Melroe No. 600 Rock Picker
IH 80 Snowblower, Like New!
(5) Cushman Golf Carts — $250 ea., in running cond.; Also 2 for parts, not running, $150 ea.
IH 1600 Truck w/9' Dump & 9' New Midwest Body — $4250
Athens 15' Bat Wing Mower (In Stock)

Your Complete International Dealer For Farm Equipment, Parts And Service!

ERB & HENRY EQUIP., INC.

New Berlinville, PA. 19545
Ph: (215) 367-2169
Daily 7-5:30; Sat. 7-3

★ Farm Bilt Hay Wagons ★ John Blue Sprayers
★ Jamesway ★ Sprayer Parts headquarters ★ FMC Bean
★ DeLaval ★ Roskamp Roller Mills ★ Woods
★ Deutsch-Fahr Tedders In Stock ★ Grasshopper Mowers
★ Vicon Spreaders ★ Trailblazer Foam Markers ★ Myers Forage Wagons

We're An "XL" Dealer!

DEPENDABLE MOTOR CO.
East Main St., Honey Brook, PA.
215/273-3131 or 215/273-3737

Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow	$5275
Pittsburgh 12' Fiel SOLD vator, 1 only	$1295
Hutchmaster Disc 22x¼" blades D O T Flex Gang 5600 lbs.	$6200
Dunham 3 Bar 8 Tooth Chisel Plow Spring Loader 32" Shanks	$1695

USED EQUIPMENT

Hesston PT10 Haybine
NH 479 Haybine
NH 315 Baler
NH 272 Baler
NH #28 Blower
NH 717 N2 Corn Head
NH 717 Pickup Head
Bush Hog 5' Rotary Mower
Case 4B Plow
NH 258 Rake

DEALER FOR

BUTLER® | Livestock Systems

NEW HOLLAND

TERRE HILL SILOS
HUTCHMASTER

JD 440 Crawler w/6 Way Blade 5900 Hrs. $2,000
Trojan 4 Wheel Drive Loader, Ex. Cond. $8,900
New NH Choppers Prices To Low To Quote
(5) 1200 David Brown $3,500 up
35 New Kubota Tractors With Special Fall Discounts

SPECIAL OF THE WEEK
Case 970 Reconditioned
$8,500

GOODRICH
IMPLEMENT, INC.
CALL ED GOODRICH
607-729-6161

745 Harry L Drive, Johnson City, N Y
(Exit 70N near the Oakdale Mall, turn left)
or 1 Mile South of Newark Valley on Rt 38

NEW HOLLAND | case | KUBOTA

USED TRACTORS

Case 1290 Diesel
JD A Cyclone, Rollamatic
JD B Cyclone
JD 60 with Power Steering
JD 63 Wide Front
JD 70 Diesel
IH 300 Industrial w/Loader
IH 454 Utility w/Loader
Farmall Super C, Fast Hitch
Farmall Super H
(3) Farmall H's
(1) MF 50 Gas

HAY & FORAGE EQUIPMENT

NH 273 Baler w/Thrower

COMBINES

JD 42 Combine
(2) NI 323 Corn Picker
IH 1 Row Corn Picker

OTHER

NH 24 Ft. Elevator
NI 42 Ft. Elevator w/3 HP Motor
JD 70 Skid Steer

R. IVAN MACKNAIR
RD #5 Box 303
Lewistown, Pa. 17044
3 Miles East of Vira on Old Stage Rd.
717/543-5192

TRACTORS

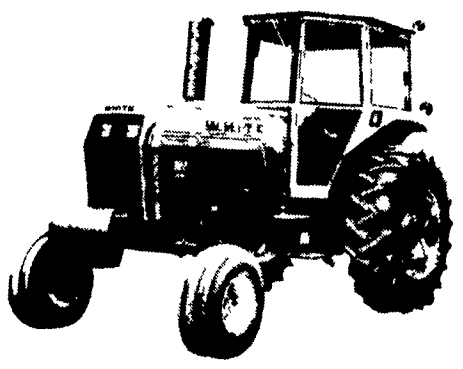
Ford 3400 w/loader
Ford CL 40 Skid Loader
Ford 8000 D 8 speed
Ford 6700 w/canopy
Ford 5000 dual power
Ford 4000 D LPTO
Ford 3000 G & D
Ford 801 w/loader
Ford 8N w/loader
Ford 9N w/loader
IH SC w/fast hitch
AC D15 3 pt.
David Brown 1200
Case VAC 3 pt.
Case 930 Tractor
JD 2640 w/canopy
JD 520 3 pt., PS
JD 60 PS, LPTO
JD 4400 G Combine
MF 175 D 8 speed
MF 33 Grain Drill
Ontario Grain Drill
NI Hay Rake
Howard Rotovator
Ford 1-6 B Plow
Ford 309 Planter
NI 206 Spreader
NH 216 Spreader
JD 14 T Baler
Ford 530 w/thrower
Ford 250 Baler

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

ATTENTION

OLIVER And WHITE TRACTOR OWNERS

IF YOU NEED A BETTER SOURCE FOR PARTS & SERVICE



TRY US

WE CAN GET YOU GOING

OUR GOAL...

DOING YOUR JOB RIGHT THE FIRST TIME
WE TAKE PRIDE IN OUR WORK

WE HAVE AN EXCELLENT SUPPLY OF NEW, USED & REBUILT OLIVER TRACTOR PARTS

Including

Rebuilt Wide Front Axle Assemblies, Hydra/Power Transmissions, Over/Under Transmissions, Starters, Generators, And Water Pumps. Reconditioned Engine Blocks, Crankshafts, Cylinder Heads, & Connecting Rods.

JUST RECEIVED FOR PARTS — OLIVER 770 DIESEL

NOW IN STOCK

REBUILT OLIVER 1650 DIESEL ENGINE
Complete (Direct Injection)

1 YEAR FULL WARRANTY

FARMERSVILLE EQUIPMENT INC.

VISA

RD 4, East Farmersville Road, Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271

Bolens DIESEL TRACTORS

WHITE FARM EQUIPMENT

SUMMER STORE HOURS: Mon. & Thurs. 8 AM - 8 PM; Tues., Wed. & Fri. 8 AM - 5 PM; Sat. 8 AM - 1 PM

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

ANNOUNCING!!!
JOHN DEERE UTILITY & ROW CROP TRACTORS FINANCE CHARGES WAIVED TO MARCH 1, 1985

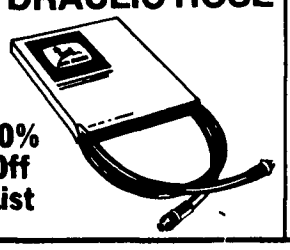
OR

CASH IN LIEU OF WAIVER
— SEE US FOR DETAILS —

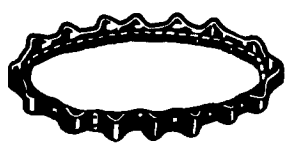
Get Your Equipment Ready! WE HAVE ALL THE PARTS YOU'LL NEED FOR SMOOTH FORAGE HARVESTER PERFORMANCE THIS YEAR

JOHN DEERE MULTI-LUBER LUBRICANT
1 Qt. Can
Reg. $3.90 SPECIAL $3.25

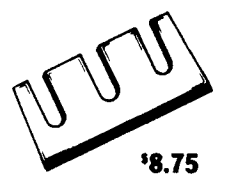
HYDRAULIC HOSE
10% Off List



GATHERING BELTS WITH CHAIN
15% Off List



Dura-Drum Cutterhead Knives



$8.75

NOW!!!

... BRAND NEW TERMS ...

YOUR 1985 HAY & FORAGE NEEDS ARE AT YOUR FINGERTIPS

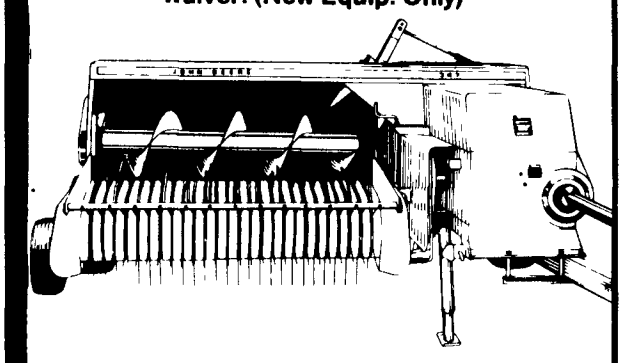
JOHN DEERE FINANCE PLAN

NEW & USED HAY EQUIPMENT

Finance Charges and payments are waived to July 1, 1985

OR

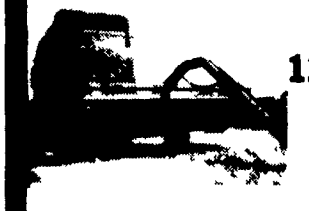
Discount in lieu of waiver. (New Equip. Only)



NEW JOHN DEERE HAY TOOLS IN STOCK

- 327 - Baler w/30 Ejector
- 337 - Baler w/30 Ejector
- 347 - Baler w/30 Ejector
- 430 - Round Baler
- 1219 - Mow/Conditioner
- 1327 Mow/Conditioner
- 660 - Side Hay Rake

USED HAY TOOLS
JD 430 Round Baler (like new)
NH 567 Baler w/Thrower - Priced at $595



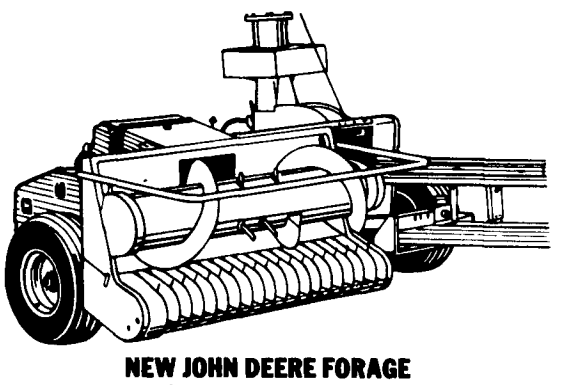
JOHN DEERE 12-14 HYDRA SWING MOWER CONDITIONER
Reduced to $1,350

NEW & USED FORAGE EQUIPMENT

Finance charges are waived to September 1, 1985

OR

Discount in lieu of waiver. (New Equip. Only)



NEW JOHN DEERE FORAGE EQUIPMENT ON HAND
3940 Pull Type Harvester
3960 Pull Type Harvester
3970 Pull Type Harvester w/3RC, w/Row-Trak
5720 Self Propelled Harvester
5820 Self Propelled Harvester

USED FORAGE EQUIPMENT
JD 3800 Pull Type Harvester
JD 3R 38" Row Crop
JD 115 Chuck Wagon
JD 125 Chuck Wagon

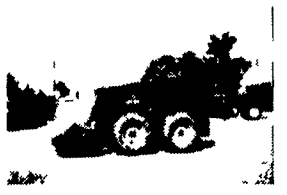
NEW HOLLAND 1895 HARVESTER
Cab, Air/Htr., Metal Detector
4R 30" Row Crop Hay Pick Up
Priced at $32,500

USED EQUIPMENT SAVINGS
Our Good Prices Become Great Deals

Our Selection of Used Tractors
Announcing! Finance charges are now waived to March 1, 1985

- JD 4640 Dsl. Quad, S.G. Body A/H w/Radio, Dual Outlets- Quik Coupler
- JD 2940 MFWD, Cab w/Leon HD Loader
- JD 2640 w/Roll Guard and Enclosure
- JD 2440 Dsl.
- JD 4430 Q/R w/4 Post Roll Gard
- JD 1530 Dsl.
- JD 1520 Gas
- JD 3010 Dsl, Row Crop
- JD "G"
- JD 400 Ind. Tr./Loader
- MF 65 Dsl, Row crop
- DEUTZ 6807A Dsl., Cab, MFWD, AM-FM, tape
- IHC Farmall 504 Gas, WFE
- Ford 6000
- Ford 801
- Kubota B7100 4WD w/Loader

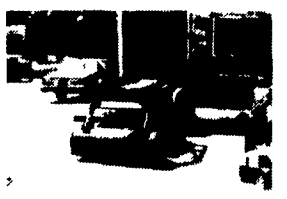
JOHN DEERE 2940 TRACTOR
80 HP, MFWD, Cab, w/LEON H.D. Loader
Priced at $36,000



OWATONNA
1200 Skid Loader
Priced at $3,200

JOHN DEERE 4640 TRACTOR

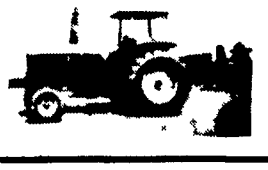
w/SGB Air/Htr., Dual Outlets Quik-Coupler, AM-FM Radio 24.5-32 10 P Rear Tires
Priced at $36,900



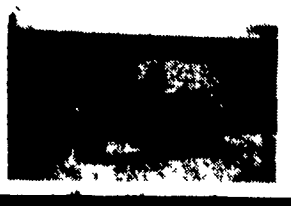
KUBOTA B7100
4WD Hydrostatic Tractor w/Loader
Priced at $5,750

FORD 801 TRACTOR
w/Select-o-speed Trans.
Priced at $2,950

DEUTZ 6807A TRACTOR
Dsl, 1981, Cab, MFWD, Radio
was $16,900
Reduced to $15,900



JOHN DEERE 4430 TRACTOR
Quad Range - 4 Post Rollguard, 20.8-34
Priced at $17,500



JOHN DEERE "G"
Priced at $2,500

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone - 717-291-1046

NH 311 BALER

NH 320 BALER

NH 782 w/HARVESTER

NH 30 BLOWER

NH 271 w/THROWER

JD 24T w/THROWER

NH V-TANDEM RAKE HITCH

TRI-AXLE 18,000 Lb. TRAILER

SHEETS BROS.
New Holland, White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

NEW EQUIPMENT

JD 850, 1050, & 2040 Tractors
JD 714 Forage Boxes
JD 1209 Mower Conditioner
Hesston 1014 Hydraulic Conditioner
Bush Hog 1432 Disc

JOHN DEERE

USED EQUIPMENT

JD B
JD 520
JD 720
Farmall MD
Farmall Super M WFE
JD 614 Rotary Hoe
JD 336 Baler w/Ejector
JD 1300 Bean Planter
NH 275 Baler
NH 68 Baler
JD 34 Harvesters
Call For Details.

MILLER'S SAL' & SERVICE INC.
West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

(1) NH 479 Haybine, $1500

NH TD 100 Disc Harrow 13' Cut Demonstrator $4,300

(1) 275 Baler w/Thrower

(1) 1830 Skid Loader, Excel. Cond. w/Grapple Hook

(1) 1737 Skid Loader, Excel. Cond.

1976 Case DB990 Tractor Good Shape

NH 78 Baler, Real Nice

Used NH TR70 Combine, Fully Equipped w/13' Grain Head, 6 RN Cornhead $23,000

NH 273 Baler w/ Thrower, Good Shape

PAUL SHOVER'S INC.
35 E. Willow Street
Carlisle, PA
717-243-2686

NEW EQUIPMENT

TRACTORS
JD 750
JD 2150
JD 2350
JD 2750
JD 4250 SG, PS
JD 4450 SG, PS, MFWD

TILLAGE EQUIPMENT
JD 2800 5B Plow
JD 235 19'11" Disc
JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow

HAY TOOLS
JD 1219 Mower Conditioner
JD 716A Forage Wagon
JD 327, 337 Balers
NH 316 & 320 Balers
NH 499 Mower Conditioner
NH 28 Blower
NH 489 Haybine
NH 38 Crop Chopper
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester

OTHER EQUIPMENT
JD 1065, 1075 Wagons
Century 500 Gal. Sprayer
DeLaval Manure Pump
NH 355 Grinder-Mixer

COMBINES & HEADS
JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine
JD 4420 Combine

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R
JD 8200 18x7, 21x7 Plain Drills

USED EQUIPMENT
Oliver 1800 Dsl. Tractor
IH 1066 Tractor
IH 966 Tractor
Ford 3000 D w/Loader
JD 1240 Planter w/Dry Fert.
Pittsburg 4 Bottom Plow
Pittsburg 12' Disk Harrow
JD 8300 Soybean Drill 16x10
IH 1440 Combine w/13' Platform & 4RW Corn Head
JD 4020 Tractor
NH 791 Manure Spreader
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
JD 6 Row Max Emerge Planters - 1 w/Liquid Fertilizer & 1 w/Dry Fertilizer

SPERRY NEW HOLLAND

WAIVER OF INTEREST ON MANY ITEMS

I. G. SALES

JOHN DEERE

DeLAVAL JAMESWAY Silverdale, PA 18962 215-257-5135 **Quonset Buildings**

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
J & M MACHINERY
(412) 668-7850
Also See Ad On Pages B24 & 25

The Time Is Right...
The Price Is Right!!

NEW EQUIP. SPECIALS

NH MODEL 311 BALER
With Model 70 Bale Thrower Complete w/Hyd. Directional Control, Wagon Hitch And Manual Controls
ONE ONLY **$8,595**

NI MODEL 484 ROUND BALER
With Elec. Controlled Twine Threader, Makes 800 lb. Bale **$7,995**

NI MODEL 486 ROUND BALER
With Elec. Controlled Twine Threader, Makes 1,800 lb. Bale **$10,900**

Sales & Service On:
- Ford
- New Idea
- New Holland

Call Ray or Ed
(301) 734-7722
or
(301) 879-1434

WALTER G. COALE, INC.
2849-53 Churchville Rd.
Churchville, Maryland

Special
Gehl RB 1600 Big Round Baler, (Demo.), $8,000
Massey Ferguson 510 Combine Diesel, Hydro, Air Cond. Cab Quick Attach Header, 4x30 Corn Head, 13' Grain Platform
~~$20,800~~ $20,350

NH L-35 Skid Steer Loader, 2 buckets, 800 hours, ... $12,500
International 84 diesel row crop, 850 hours, ... $13,450
Farmall Super H, ... ~~$1,375~~ $1,175
Farmall H, ... $875
Farmall 560 gas, As is, ... $2,200
Farmall 350 gas, power steering, 2 pt., ... $2,000
AC WC, ... $800
AC B with cultivator, ... $875
Ford 9N, ... $1650
IH 550, 5x14 semi mount plow, ... $875
IH 420, 3 bottom, 16" plow, ... $695
IH 453 cultivator, 4x38 trip shovel, ... $850
6 ft. 3 pt. hitch disc, ... $350
IH 37 disc, 10' with cylinder, ... $750
IH 412, 4 bottom, 14" plow, 2 pt. semi mount, ... $475
Ontario single disc drill, ... $550
JD grain drill, 13x7 single disc, ... $795
AC 500, 4 row planter as is, ... $725
IH 249, 2 row, ... $450
JD 494-A, 4x38, ... $1,400
IH 1190 mower conditioner, ... $4,125
IH 990 9' mower conditioner, ... $2,450
IH 1190 mower conditioner, ... $4,500
MF #10 baler $900
AC 303 baler with thrower, ... $1,295
NH 67 baler with thrower, ... $975
Hesston PT 12, 12' mower conditioner ... $1,200
Fox blower, ... $750
IH 56 blower, ... $850
IH Semi Mount hitch, balance head mower, ... $800
IH 76 combine, ... $400
IH 540 Spreader, ... $1,750
Gehl grinder mixer, 120 bushel, ... $2,475
Hesston forage harvester, 1 row head and pickup, excellent, ... ~~$4,800~~ $4,450
Gehl CB 600 forage harvester, 2 row corn and pickup head, ... $3,800
NI Uni System w/combine & sheller. Coming In

INCH EQUIPMENT CO.
East Main St. Box 247
McAllisterville, PA 17049
717-463-2191

◆◆◆SUPER SUMMER SPECIALS◆◆◆

To Make Room For '85s We Are Selling These Items For COST Plus Handling!
- Cash
- FOB
- No Trade

JD 716A For. Box., Hi Sides & Hood, KD-FOB $5,900
New NH 311 Baler w/Wagon Hitch And Chute $5,995
NH 30 Blower $2,900
NH 847 Round Baler $7,750
NH 80 Bale Mover $795
NH 782 Harvester $8,000
NH 824 2-Row 30" Head $3,200
NH 770 Windrow Pickup $1,800
LAMCO Wooden 16' Flat Rack $450
Kill Bros. No. 375 Gravity Box $785
Lely Lotus 300 10 Ft., 3 pt. PTO Tedder And Rake $1,700

LARGE COMPANY PRICE REDUCTIONS ON NEW TRACTORS - Call For Prices: 2150 4wd; 4050 w/cab; 4250 w/cab; 2640 Leftover, 70 Hp., Loaded, $18,000 (cash)

COMPACT TRACTORS IN STOCK: JD 650 2wd; 650 4wd; 850 2wd. Cleat or turf tires; Mowers, tillers & sprayers available for above.

TRACTORS

Agra Power By Fiat, 48 Hp Diesel, 3 pt. Hitch, $4,500!
U. JD 2020 Utility w/Weights, New Tires, Nice, $4,995!

★ **N. CONDITIONERS:** NH 472 & 479; JD 1219.
★ **N. BALERS:** JD 337 & 347; NH 311; NH 316; U. NH 283; U. NH 271 w/Thrower; U. NH 68 PTO w/No. Thrower.
★ NH 77 Baler-Like New, Orig. Paint, Engine Runs Good-Special F.O.B. — $395
★ **N. RAKES:** NH No. 256; NH 258.
★ **N. MOWERS:** JD & WOODS Rotary Mowers, Pull and 3 Pt.

MORE SPECIALS—PRICED TO SELL CALL NOW...
(1) New JD 1075 Wagon
(1) 6 Ft. Super Pan
New Westfield Auger, 8x56 — $2,175
New NH TD-200 Disk (Take $1,000 off our low price, Courtesy of New Holland)
New Brillion Single Packer, 12'
New Brillion Single Packer w/Carriage and Hitch, 14'

NEW JD 4420 COMBINE IN STOCK...MUST MOVE!

★ **USED 6620 SIDEHILL COMBINE** ★
If You Can't Afford A New One-Buy This Good Used One! 1-Owner Machine, Ready To Go!
• With or Without Heads •
We Have A 215 & 216 Grain Table
Plus
A Used 444 And New 634 Cornheads

MISC. EQUIPMENT IN STOCK!
N. Deere & Woods 3 Pt. Rear Blades
U. Woods RM 48 3 pt. Mower
U. Woods 80" Pull Type Rotary Mower
U. Woods 80" 3 pt. Hitch Mower
U. Papec 13" Feed Mill — $150.00
U. NI 10' Pull Type Fert. Spreader w/Seeder — $495.00
N. Vicon & Lely Spreaders and Rakes
N. NH & Little Giant Bale Elevators
N. Kuhn Hay Tedders
N. Hardi Air & Boom Sprayers
U. NH 425 Skid Steer Loader w/2 Buckets.
JD 8300 & 8350 Grain Drills, 18x7, 21x7
N. JD, Wheelhorse, Dixon, Grasshopper and full line of N. & U. Lawn & Garden Equipment.

JOHN DEERE SPERRY NEW HOLLAND

HOURS:
8 to 5; Sat. 8 to 12

KERMIT K. KISTLER, INC.
Serving Our Customers Since 1945
Lynnport, PA 18066
State Highway Rt. 143
Phone 215-298-2011

SILOS & UNLOADERS

SILOS & UNLOADERS

LANCASTER SILO CO., INC.
2008 HORSESHOE ROAD - LANCASTER, PA 17601
MANUFACTURER & BUILDER OF QUALITY WET-CAST CONCRETE STAVE FARM SILOS

SUPREME & VAN DALE UNLOADERS.
PARTS FOR SUPREME - VAN DALE - STARLINE - FEED EASY - P&D
Reconditioned Unloaders - All Brands

REBUILT OR USED EQUIP:
STARLINE UNLOADERS -
#70 12'-14'-16' Complete Unloaders All Reconditioned — $ SAVE
#29-14 Basic Unit (Parts) — $500.00
CLAY UNLOADER
1 - 16' Basic Unit (Fair) — $500.00
ACORNE UNLOADER
1 - 20' Champion Basic Unit Complete w/5 H.P. Very Good — $1800.00
1 - 12' Rebuilt Silo Matic Unloader Complete — $2200.00

BADGER BARGAINS -
1 - 24' Basic Unit w/36" Blower — $1000
1 - 20' Ring-Drive Basic Unit — $1200
3 - 20' Surface Drive Unit — $1000 ea.

1 - Acorne Ram Piston Pump Unit — $1990.00
ROLLER MILLS:
1 - #400 Roller Mill w/3-Point & P.T.O. -or- Elect. Motor — $1500.00
NEW TILE - 4x4 & 4x6 - For cow trough, Bunk trough, Etc. 12½ Sq. Ft. per box Assorted Colors — $8.75 Box
New Big Dutchman H-9 Poultry Feeders — $8.50 ea.
1 - #2200x Honda 1 Ph. Generator - New — $650.00
1 - Gehl 800 Recutter Blower Unit 540 & 1000 PTO - GOOD — $2000.00
1 - IH Grain Drill 8 Ft, w/Seeder & Fertilizer Att. — $900.00
1 - new Idea 1-Row Snapper Picker used 4 Yrs. - Good condition — $3000.00
1 - 10x50 Fickes Silo — $4,500.00
1 - Used Gas Refrigerator - Single Door Cheap - Ask For Dave -
4000 Tobacco Lath — 10¢ Ea.

PHONE 717-299-3721 - 7 AM - 4 PM
Larry Hiestand - Sales 717-273-7394 Evenings

FARM EQUIPMENT WANTED

NOTICE - Buy, sell or trade almost any type horse-drawn equip., mowers, rakes, crimpers, discs, harrows, plows, corn planters, tedders, packers, wagons, Wisc. engines, tobacco planters, etc. Wanted 402 N.H. crimpers, Nickolson tedders. Sam K. Zook, Kirkwood, PA. 17536.

Wanted - Disk type grain drill, must be in good condition. 717-784-6359 after 5 p.m.

Wanted - Ground driven bale loader, pulls along side of truck or wagon; Wanted - 12" aeration fan w/perforated tubing. 814-736-8266.

WANTED - NI 767 Harvester. FOR SALE - Woods 306 Belly mower, good condition, $600. Huntingdon Co. 814-667-2297.

WANTED - Farmall Super C or 200 for parts. 717-629-0403.

Wanted - Used Ford tractor 3000 Series. Call 717-665-6790. 7-9 PM. Lancaster County.

SILOS & UNLOADERS

FARM EQUIPMENT WANTED

WANTED - RH-WG housing for TD 6 or will trade other TD 6 or TD9 parts for same. 717-624-8561.

WANTED - 7' NI cut/ditioner, Ritchey water fountain w/heating coil. 814-627-5149.

Wanted - Motor for 1200 David Brown. 609-723-2595.

Wanted - Clutch and 41 or 42 reduction with #3 16" housing or #3 16" clutch housing to fit on a 350 Chevy industrial power unit. Lanc. Co. 717-354-8370.

SILOS & UNLOADERS

20x50 Fickes Silo, silomatic unloader 60 ft. auger feeder, $3000; Acorn Gutter Cleaner 150 ft. cable. Make offer. 500 gallon bulk Jamesway tank, $500; double stainless wash tubs, $50. 717-789-4457.

Ring drive silo unloader for 12' silo, 55' complete Auger assembly. Call 717-394-5573 after 5 PM.

8x30 Marietta wood silo metal chute no roof. York Co. 717-741-3039.

SILOS & UNLOADERS

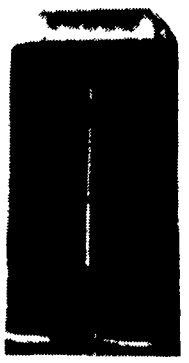
Leasing with option to buy - Harvestore structure and power sweep unloader for grain. 717-423-5432.

FOR SALE - 20x60 and 16x50 cement Stave silos. Dismantled, trucking available. 315-536-3740.

Used 12x35 Marietta stave silo w/ladder, pipe, roof, Patz unloader. Will sell separately. 814-793-2227.

Lancaster 20x60 silo w/Patz unloader
Contact
Trout Equipment Brokers
At 10104 Dublin Rd.
Walkersville, MD
21793
or call
301-898-7617

UNADILLA WOOD SILOS
Sales & Service
Leasing Available



Silo Roofing
Wooden Silo Liners
Distributors and Pipes
Stationary Plastic Bag Lifters
Wood Feed Carts
Hay Racks
Silo Homes
Used Silos When Available

DANIEL S. STOLTZFUS
R.D. 2, Narvon, PA 17555
717-354-4374

Check
- ✓ LEASE FINANCING
- ✓ FIVE YEAR DEPRECIATION
- ✓ 10% INVESTMENT CREDIT
- ✓ LAYOUT DESIGN ASSISTANCE

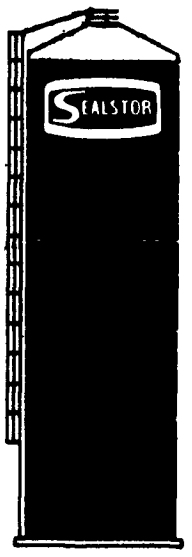
VIRGINIA SILO

YES I would like FREE information about
- ☐ Top-Unloading Stave and Poured Silos
- ☐ Bottom-Unloading Poured Silos
- ☐ Silo Maintenance and Repairs on all Silos
- ☐ Permanent Fill-Pipes and Distributors

Name _____
Address _____
City _____
State Zip _____
Phone _____

Mail To
Virginia Silo Company
P.O. Box 446
Dayton, Virginia 22821
or call collect (703) 879-2541
in Eastern VA. call
Garland Benton (804) 233-5157

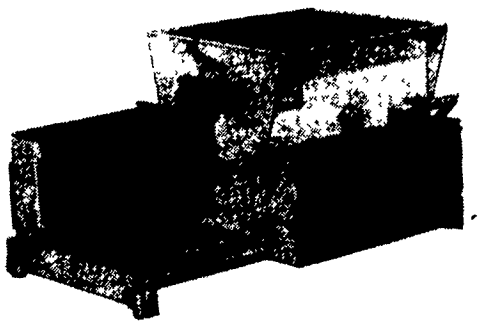
McNAMARA SILO
Sales & Service
R.D. 1, Wayland Rd, Meadville, PA 16335
(814) 724-5011

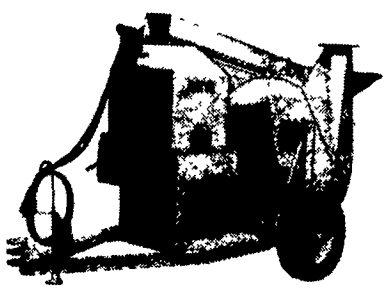


- New and Used Glass-Lined Structures
- 3 Yr. Warranty On New Unloaders Parts and Labor
- 2 Yr. Warranty On Structures
- Spring Discounts Now In Effect
- Sales and Service Since 1971
- Financing Available 9%

HAIDIG
Best name in BOTTOM UNLOADERS

SPECIAL
STARLINE® EARCORN BLOWER MILLS and ROLLER MILLS





LOW PROFILE ROLLER MILL EARCORN BLOWER MILL

SEE OUR DISPLAY AT STARLINE EXHIBIT - AG PROGRESS DAYS - LOCATED ON WEST 4th STREET - SPECIAL SHOW DISCOUNTS

DONALD R. NISSLEY
RD 1 WILLOW STREET, PA.
PH. 717-786-7654
(Corner of Rt. 272 S. and Byerland Church Rd.)

FARM SERVICE COMPANY

WE SPECIALIZE IN CUSTOM FORAGE BAGGING.
SILAGE BAGS TO FIT ALL MACHINES

- **Single Ply White ..... 8'x100', 8'x150'**
- **Black & White Two Ply ..... 9'x135'**
- **Coextruded Black & White ..... 8'x100', 8'x150', 9'x135'**

ALL BAGS ARE GUARANTEED AND INSURED

WE SERVICE AND HAVE PARTS FOR PATZ EQUIP.

Also Hay Tubes, And Top Quality Hay Bags

Authorized Dealer For:	Dealer For:
BERG FARM EQUIPMENT Sales, Installation, & Repairs of Feeding & Manure Systems	• SHOW EASE STALLS • STD Water Bowls

SPECIAL OFFER

We Will Deduct $50 For Any Custom Bag Filling Order In August For September Completion. All Work Done With Motorized Machine. Please Call (717) 949-2366 To Confirm Your Date.

Thank You

HARRY WILL
Newmanstown, PA
(717) 949-2366
OFFICE

TERRY MILLER
Conestoga, PA
(717) 284-3214

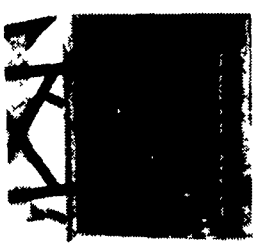
FICKES SILOS...

Dependable-Reliable

Systems That Assure Continuous Service Day After Day

FICKES SILAGEMASTER

Silo construction is not only an engineering science, it is also an art. Fickes Silos exemplify these principles, with their fine stave design and strength .. durability... and manufacturer's care in building.

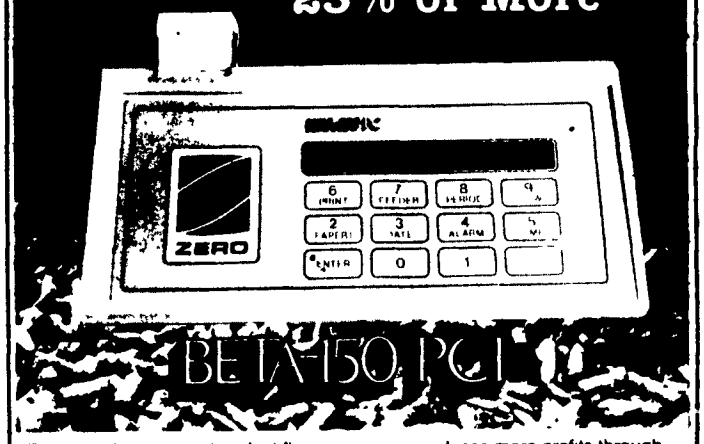


SWING BACK HINGED DOOR

The hardware used in this door's construction is heavy duty steel with a double hinge system to allow the door to swing back against the side of the silo A double lock system holds the door against the frame for a sure seal.

SILAGEMASTER

Increase Production 25% or More



This new dairy computer identifies your cows with high potential and allows you to feed them accordingly
- — has increased herd average production up to 25% —
- — has paid for itself in less than a year in feed savings and increased milk & butterfat production
- — is easy to program and use
- — produces more profits through managing both feed and cows
- — interfaces with home computers

ZERO ADDS UP

Contact your local dealer or
ZERO MANUFACTURING
Washington Mo 63090
314/239 6721 ©1984

FICKES SILO COMPANY
NEWVILLE PENNA 17241

Phone 717-776-3129

The **Silo-Matic®** **R-26 PACESETTER** RING DRIVE

LOW MAINTENANCE Designed For... HIGH PERFORMANCE

Stainless Steel Housing
Large 26" rotor housing offers quality 304 stainless steel construction plus split design for ease of maintenance.

High Performance Four Pawl Rotor
The R-26 Pacesetter rotor features four stainless steel adjustable pawls. Pawls can be operated in a swinging or fixed position as conditions dictate.

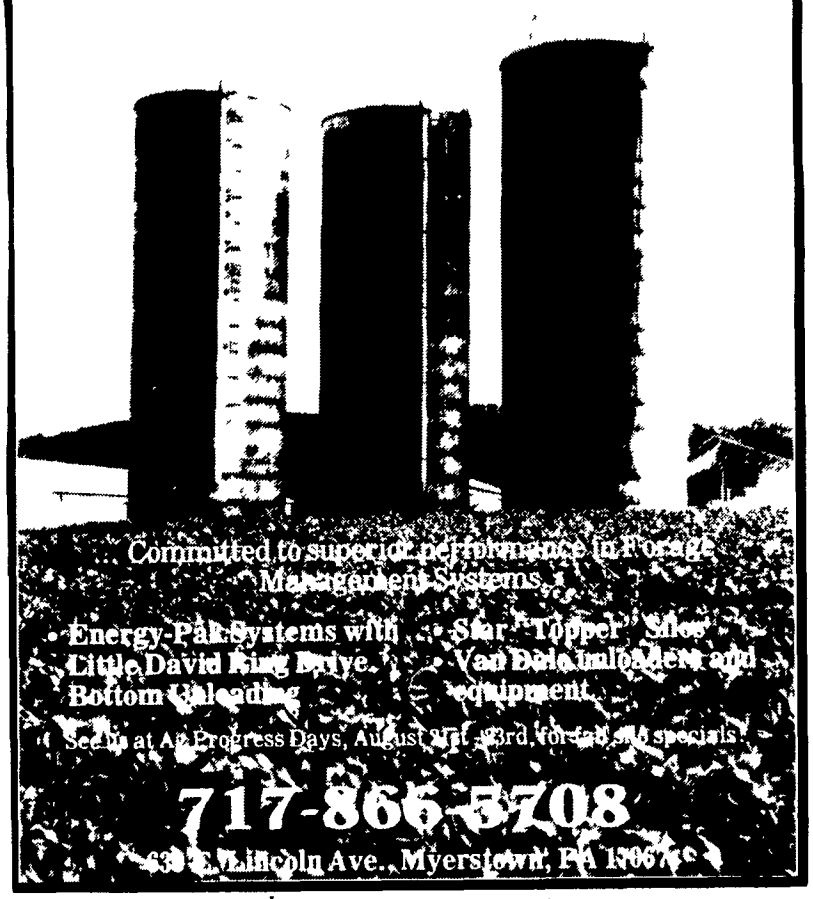
Visit Our Display At AG PROGRESS DAYS On West 10th Street

16x70 Ribstone silo tripod, outside ladder w/cage distributor, excellent condition Call 717-596-2798 for more information

3018 Plus Feed Easy Silo Unloader 20' Includes tripod, electric wench, cable, electrical wire, switches Used four years Excellent condition 717-547-6811 after 7 PM

We Have New & Used Silo Unloaders Call us for all your silo need. Detweiler Silos, RD 2, Box 267D, Newville, PA 17241 717-776-6321 or 717-532-3039.

★STAR SILOS★



... Committed to superior performance in Forage Management Systems

• Energy-Pak Systems with Little David King Drive • Star "Topper" Silos • Van Dale Unloaders and Bottom Unloading equipment

Seen at Ag Progress Days, August 21st, 23rd, for fall specials

717-866-5708

53 E. Lincoln Ave., Myerstown, PA 17067

S & S SILO REPAIR

WE DO

* Most Any Kind of Stave Silo Work
* Tear Down & Rebuild Stave Silos
* Replastering
* New & Used Extensions
* New & Used Roofs & Chutes
* Unloaders
* Wooden Calf Hutches
* Fiberglas Feed & Silage Carts
* Install Silage Distributors & Fill Pipes
* Repair Level Flo Silage Distributors
* Silo Doors - Most Any Kind

We Buy Some Stave Silos

SHOTCRETE RELINING
Stronger Than Plaster
Seal & Strengthen Your Silo
With Shot Crete
5 Year Unlimited Guarantee

All Silo Work Done From The End Of October Until The End Of May Will Be Done At A Reduced Cost.
We Cover A Wide Area
Box 423 RD 1 Gap, PA 17527
Answering Service 717-768-3052
215-273-3993

MARTIN'S SILO REPAIR

Moving Concrete Stave Silos
Also
- New & Used Extensions
- Replastering
- Fill Pipes
- Distributors
- Roofs
- General Repair

Rt. 1 Box 315
Denver, PA 17517
215-484-2517

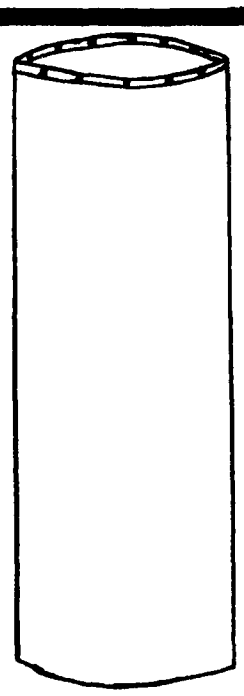
QUALITY POLY BALE BAGS

High Grade Polyethelyhe
3 Sizes Available
5 Mil. White
54", 62", 70" diameter
Call
EARL SWARTZENTRUBER, JR
(717) 626-2866
or
JAMES HARNISH
(717) 656-6714

MAY-CO

SILO LINERS

1. Reduces runoff
2. Wetter silage packs tighter
3. Tighter packed silage ferments better and makes more lactic acid.
4. Lactic acid increases T.D.N.
5. Is more palatable
6. Reduces shrinkage
7. Does not heat
8. Does not mold
9. Does not spoil in hot weather while feeding
10. More digestible protein
11. Acid does not eat silo walls
13. You don't need an additive
14. Easy installation



Our new liners are made with 3 plys of plastic laminated together with a reinforced top edge and makes a strong light weight plastic tube much STRONGER than regular polyethylene sheeting.

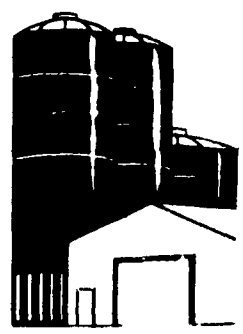
For More Information:
MAY-CO SUPPLY CO. INC.
430 Biscayne Rd.
Lancaster, PA 17601
717-569-1011

Silo Diameter	10'	12'	14'	16'	18'	20'
Cost of liner only at 40' in length	133.35	168.00	184.80	218.40	243.60	268.80
Cost of each additional 10' of liner	32.55	42.00	46.00	54.60	60.90	67.20
Cost of lifting ring and clamps	88.30	97.98	105.42	208.62	235.12	254.92

Ring and clamp cost for 10, 12 and 14 ft. silos with unloader are about 75% higher.

Order 10 extra feet of liner if you wish to tie the bottom of the liner shut.

Please send liner only ☐
Please send liner, lifting ring and clamp ☐
I am sending $ _____ to receive liner freight free.
Orders must be in by August 1st to ensure right size and length.



PENN-MAR AGRI

RD 2, Box 424
Palmyra, PA 17078
717-838-5754
Nelson L. Ziegler

PARTS AND SERVICES for Harvestore® Unloaders and Structures

Services Available:
1. Service Maintenance, Dig-Outs, Long & Short Arm, Etc.
2. Pressure Testing Structure & Bags
3. Resealing
4. Complete Unloader Rebuilding

Parts for Unloaders:
Cutter and Conveyor Chains, Hook Assemblies, Sprockets, Bearings, Seals, Cutter Arms, Forks, Backbones, Discharge Housing. Unloader Doors, Motors, belts, etc.

Parts for Structures:
Breather Bags, Vent Flaps, Access Doors, Roofs, Structure Sheets, Sealer, Steel Floors & Plates
Blower Pipe - Spiral, Plastic or Straight
Center Fill Pipe - 9" or New Style 12"

Complete Dismantling and Re-erection of Used Harvestore® Structures

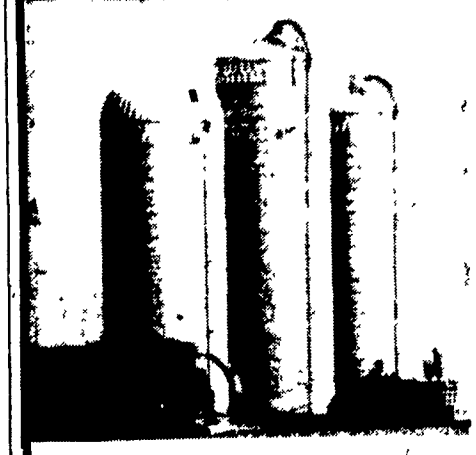
We Can Offer
* New Bolts, Nuts & Washers
* New Steel or Epoxy Floors
* Flag or Farm Name Sheets
* Extensions
* New Supreme Bottom Unloaders for Forage or Grain
* Rebuilt Goliath or Hercules Unloaders

Quality Work Guaranteed

2028 SAA	2040 SAA w/Roller Mill
2038 Spartan	2042 SAA
2038 SAA	2060 Rebuilt Goliath

Power Sweeps And Roller Mills Available

MADISON SILOS...



- Laidig Bottom Unloader Parts & Service
- Starline Top Unloader Sales & Service
- Extensions - Madison & Marietta
- Sand Blasting
- Gunite or Plaster Inside Finish
- Roller Mills — Starline & Automatic
- Roof and Chute Replacement
- Silo Doors — Wood & Fiberglass — Madison & Marietta
- White Coating
- Silage Distributors & Fill Pipe Installations
- Laidig Unloaders For Harvestore® Structures — Haylage or High Moisture Corn
- Ag Master Silage Inoculant
- Manure Storage

STARLINE LAIDIG

★ Nutri-Matic® Atmosphere Controlled, Bottom Unloading Silo For Haylage.
★ Grain-O-Matic® Atmosphere Controlled, Bottom Unloading Silo For High Moisture Grain.
★ Madison Silo® Top Unloading Silo For Corn Silage.

CALL US TODAY...

MADISON SILO CO. of PENNSYLVANIA
1070 Steinmetz Rd.
Ephrata, Pa. 17522
Phone
717-733-1206

TERRE HILL SILO CO. INC.
Terre Hill, PA 17581
PHONE: 215-445-6736
53 Yrs Sales Serv
Top Unloading
Bottom Unloading

HOULE • Liquid Manure Pumps • ELECTROMIX • Barn Cleaner Chains
WIC • Bedding Choppers • Silage Carts • Manure Tanks
US AGRI-SYSTEMS 800-222-2948 (301-398-2948) local • Free Stalls • Self-Locking Panels • Comfort Stalls • Gutter Grates
Available From
TRISTATE FARM AUTOMATION
(301) 790-3698
Also See Ad On Pages B24 & 25

MID-ATLANTIC POLY STOR
Distributor for quality poly stor products -
Serving PA - MD - NJ and DE
Field Storage Systems
For both forage & round bales
Forage bags for 8' & 9' machines
Bale Stor & Hay Tubes
Hay bags for all size bales
Custom Bagging Service (will travel)
Mid-Atlantic Poly Stor
R.D. #1 Box 88
Fawn Grove, PA 17321
717-382-4400

SILOS & UNLOADERS

For Sale - 2 Harvestors, white tops, 20x60 and 20x70, Goliath Unloaders 609-723-2595.

GRAIN EQUIPMENT

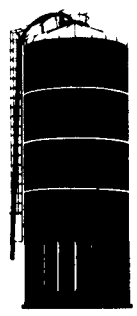
SILOS & UNLOADERS

WANTED - Used concrete Stave silo. Any size, must be in good condition. 717-786-2839.

GRAIN EQUIPMENT

COUNTRY AG SERVICE

RD 4 Box 93, Lititz, PA 17543
USED HARVESTORE® STRUCTURES
"Quality Work... is our Specialty"



STRUCTURES ON STOCK
3 - 20x27 1 - 20x50
2 - 20x31 2 - 20x60
1 - 20x40 1 - 20x70
3 - 25x80

SUPREME UNLOADERS
REBUILT HERCULES AND GOLIATH UNLOADERS
HARVESTORE® PARTS
- Breather Bags
- Cutter Chains
- Conveyor Chains
- Cutter Hooks
- Sprockets

Earl B. Zimmerman (717) 733-0408

GRAIN EQUIPMENT

GRAIN EQUIPMENT

Grain Bins, Dryers, Augers, Fans & Electric Motors.
Complete Installation or Cash & Carry
Thomas Bachman & Sons
2501 Fallston Rd.
Fallston, MD 21047
301-557-7529 836-6877

GRAIN DRYERS

NEW & USED
BINS — ELEVATORS — AUGERS
TURNKEY AUTOMATED SYSTEMS
NATURAL AIR DRYING SYSTEMS, COMPUTERIZED OR MANUAL CONTROL.
Call 717-538-2591

Super B Circle
SALES SERVICE
JOHN HEFTY SYSTEMS
WATSONTOWN, PA. 17777
M-C GSI

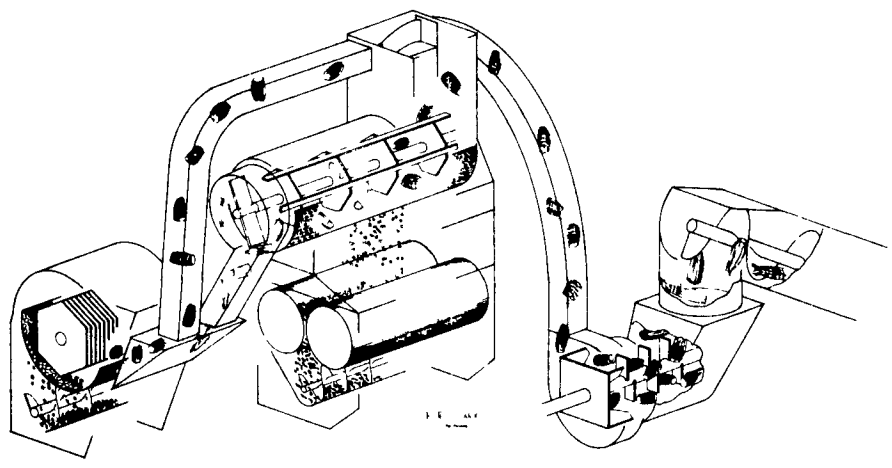
SEE US AT AG PROGRESS DAYS

THE TEXTUREATOR™

Pat. Pending

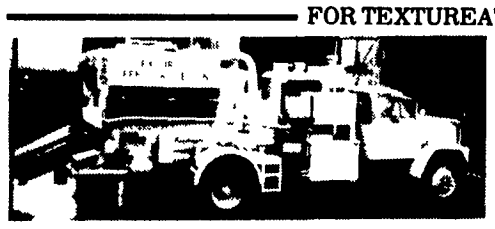
WHEN YOU WON'T SETTLE FOR LESS THAN THE BEST

Kernels cracked without fines... cobs and husk ground for maximum digestibility. High quality course feed provides increased bulk, allowing animals to eat more ration and better utilize the total digestible nutrients (T.D.N.) of the grains and avoid flash heat. Feeders who change to texturized feeds get better results. Beef cattle have a higher average daily gain. Dairymen report higher grain intake and 1 to 4 point increase in butterfat tests. Texturized ear corn gives you more profit per acre over shelled corn.

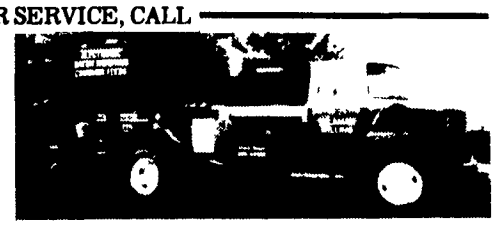


The Textureator concept combines 20" underfed Hammer Mill and 13"x30" rolls to process ear corn. The Hammer Mill or Roller Mill can be used individually, thereby giving you a choice of 3 processing options: Roller Mill for small grains and shelled corn, Hammer Mill for pulverizing, and Textureator for coarse ground ear corn — all with one point of entry.

FOR TEXTUREATOR SERVICE, CALL



Amos Riehl
MODERN MILLING CO.
Lititz, PA
(717) 442-9375



Jim Hilaman
HILAMAN MILLING
Rising Sun, MD
(301) 398-4561

SEE US AT AG PROGRESS DAYS, AUG. 21-23
In The Agri-King Booth, Located On W. 9th St.

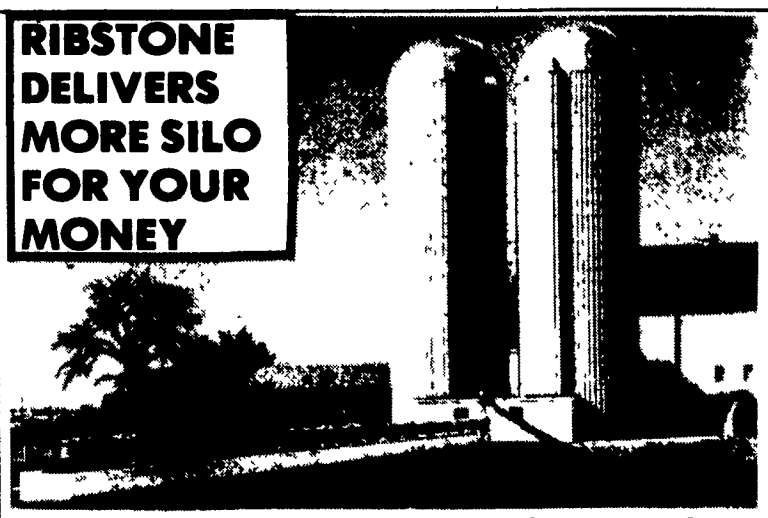
• Batchmakers • Feedmobiles • Mixers • Bulk Feed Trucks • Hammer Mills • Roller Mills

Feedmobile® Inc.
SALES • PARTS • SERVICE
727 Furnace Hills Pike, Lititz PA 17543
(717) 626-2680

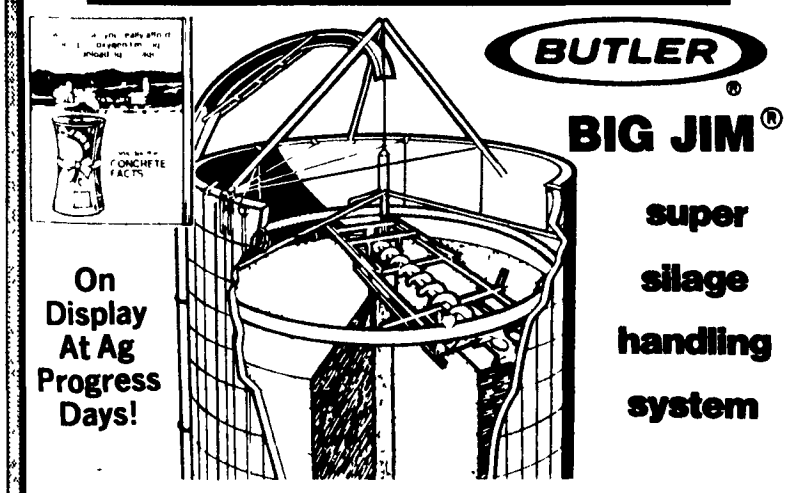
Call For Quotes On New Or Used Equipment Or Service For Your Existing Equipment
LEASE PLANS AVAILABLE

Check Us Out At Ag Progress Days!

RIBSTONE DELIVERS MORE SILO FOR YOUR MONEY



CONSIDER THESE RIBSTONE SILO FEATURES:
* Double-sealed walls.
* Steel reinforced staves.
* Extra-heavy steel hoops
* All installation labor supplied.
* Concrete chute
* Colored roof, enamel painted.



BUTLER®
BIG JIM®
super silage handling system
On Display At Ag Progress Days!

• Ribstone Silos • Butler Livestock Systems
• Silo Unloading & Manure Handling Equipment

See Us At The Ribstone & Butler Displays At Ag Progress Days!

J.A. SWOPE SILO EQUIPMENT, INC.
Box 121 RD 1
Myerstown, Pa. 17067
Phone
717-933-4758

SILOS & UNLOADERS

Con-Krete Silo Construction and Repairs. We have a few good used Silos available for Fall Construction Special Deals on 24' diameter, all kinds of repairs done. We guarantee our work. Call Donald Mattison 717-376-3591 P.O. Box 43, Middlebury Ctr., PA 16935.

GRAIN EQUIPMENT

For Sale - California pellet mill, Roughinger model, capacity 9 ton per hour, good condition, 717-865-6611.

1-3000 bushel Baughman grain bin with a fan, unloading auger and grain distributor, excellent condition, used 2 seasons. Carbon Co. Call evenings 215-377-4549.

FOR SALE - 75' Starline Bunk feeder & Grove Forage Box. 315-549-8887.

Used Butler type bin, 12' diameter, 30' high, (8-32" rings) including 8' cone. Silo type roof, $1,000 Mifflin Co 717-248-4373, 9-5 weekdays.

Dryer MC600 continuous PTO drive 600 bushel, $1750. 215-343-2444, 215-343-0156.

Used Habco batch grain dryer with PTO, 500 bus. capacity. Phone 215-562-7218.

For Sale - Sukup II stirways, four down augers, Mercury switches for 30' bin or 27' bin, like new, $2,000. 717-667-3105.

30'x6" transport grain auger. 3,000 bu. Superior grain bin w/unloading auger John M. Stoltzfus, RD 2, Box 280, Narvon, PA.

For Sale - Fence line hog feeders. 13 stainless steel 12 place and 3 stainless steel 8 place. Ritiche heated cattle and hog fountains. 30 adjustable stainless steel hog nipple waterers. 55 gal. Pax hog midicator. 717-872-2781.

Used 30'x10 ring grain bin, approx. 16,000 bushel grain capacity w/floor, fan, 8" unloading auger, ladders, blocks for floor, sweep auger, torn down and ready for pickup, $5,975. Can deliver. Call 717-537-2214.

3 Used Grain Bins, (1) 24' long w/Shivers drying unit, unit complete; (1) 27' Butler; (1) 30' Butler. Bucks. 215-795-2591.

STONY KNOLL FARMS
Pre-Harvest Special
Motomco Moisture
Tester & Scale
Call Evenings
301-778-0935

BUILDINGS & SUPPLIES

21x50 Herd King HMC Unit Ladic unloader used 4 seasons, went to Ag Bag system, 703-434-4293

For Sale - Hemlock and Hard wood lumber, trailer load lots We will deliver 717-494-0550

For Sale - Large barn, 2 chicken coops Highest bid Must be removed. 717-285-5453

150' curb forms, $150.00 717-397-1186 before 11 AM and after 6 PM.

Barn For Sale - Located in Susquehanna Twp. Must be removed by October 1st Easy Access $300 Call 717-545-7607 Harrisburg.

2 Quonset steel buildings for sale (1) 20'x40', $800 or best offer, 1, 40'x100', $3,500 or best offer Buildings are disassembled 215-856-7773

Mobile home, 10' wide x 50' long. Ideal for construction office, hunting camp, etc Best offer Bargain Phone 717-665-6440 or 665-6303 evenings

GRAIN EQUIPMENT

GRAIN EQUIPMENT

MUNCY CHIEF HYBRIDS

Muncy, Pa. 17756
Phone
(717) 546-5981

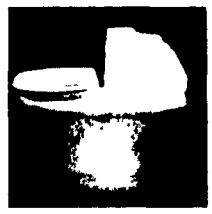
STOP AND SEE US AT
AG PROGRESS DAYS
Pick up FREE Catalog or Write us for your copy

BUILDINGS & SUPPLIES

BUILDINGS & SUPPLIES

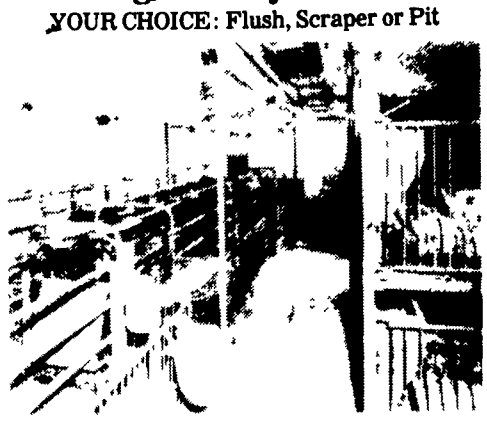
Curtis Marburger
Hand Cut Potter County
FLAGSTONE
Wallstone, veneer, coping, treads, sills - tile, mantels, patio, irregular.
Quality Stone.
Dealers Inquire
Elizabethtown, PA
717-367-3692

THE DRY TOILET
Self-Contained Composting Toilet
Needs No Water Or Chemicals
Replaces conventional septic systems with a self-contained bioconversion appliance • Eliminates wastewater discharge • Constructed from rugged stainless steel and non-porous plastic • Features positive venting for odorless operation • Easily maintained • The compact HUMUS 80 occupies only 25"x33" of floor space



Pump Services, Inc.
157 Knoxlyn Rd., Gettysburg, PA 17325
(717) 334-0224 or (800) 242-3909

Factory-Built Swine Building
Farrowing/Nursery Combination
Farmcraft
YOUR CHOICE: Flush, Scraper or Pit



PRODUCE MORE LBS. OF PORK WITH FEWER $$$ OF COST AND HOURS OF LABOR
Choice of 7 Sizes and Floor Plans
Ask About Our LEASE-PURCHASE PLAN which has tax advantages.

EMHERR EQUIP. INC.
Willow Street, Pa. 17584
Rt. 272 South
(717) 464-3321 or Toll Free
1-800-732-0053

DAIRY EQUIPMENT

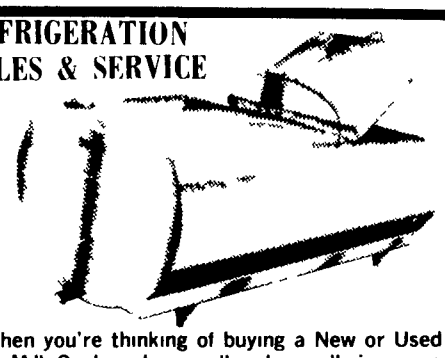
For Sale - Outside calf hutches w/metal roofs & feeders. Stoltzfus Woodwork, RD2 Gap, PA 17527 along 897 717-442-8972

DAIRY EQUIPMENT

New 2000 Gallon Bulk Milk tank w/2-5 HP compressors, $9500, 800-558-0112

RUBBER MATTING AND USED BELTING
* COMFORT STALLS * FREE STALLS
* HORSE STALLS * CATTLE & HORSE
* HOG PENS & HOUSES TRAILERS
All Sizes Available & Custom Cut
Phone 301-885-5045

REFRIGERATION SALES & SERVICE



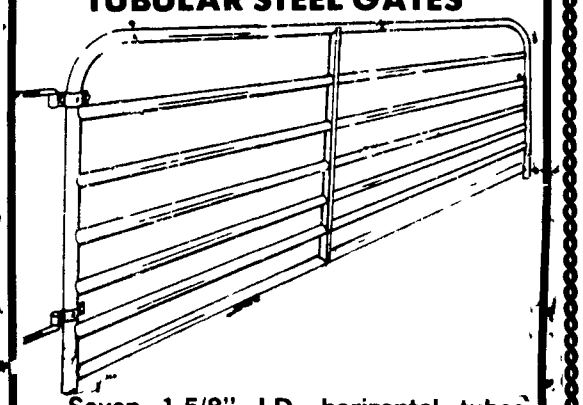
When you're thinking of buying a New or Used Bulk Milk Cooler, please call and we will give you a price
The following list of Used Coolers are available now or in the near future Call us for date of availability

USED TANK SPECIALS

(1) 500 Gal Jamesway	(1) 900 Gal OH Mueller
(1) 600 Gal Milkeeper	(1) 1250 Gal Dari-Kool
(1) 600 Gal Mojonnier	(1) 1250 Gal. DeLaval
(1) 600 Gal Surge	(1) 1500 Gal Dari-Kool
(1) 800 Gal Surge	

USED COMPRESSORS
Complete Sales & Service
REFRIGERATION SALES & SERVICE
Box 67, Intercourse, PA 17543
Ph. (717) 768-9006 or (717) 768-8333
Answering Service - 717-354-4374
★ 24 HOUR SERVICE

TUBULAR STEEL GATES

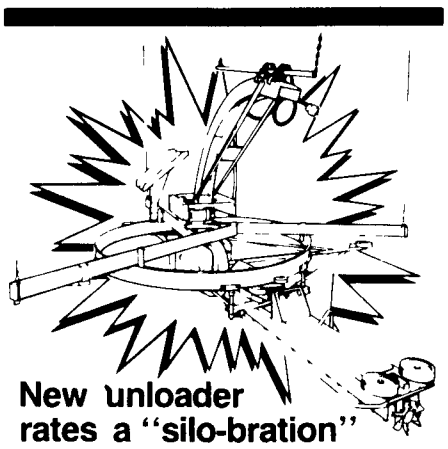


Seven 1-5/8" I.D. horizontal tubes spaced closer at the bottom for a pig tight gate. 50" high with adjustable clamp style hinges. All hardware needed for a complete installation is included. Painted finish.

4' Length ..	$36.95	12' Length	$45.95
6' Length ..	39.95	14' Length .	52.75
8' Length ...	41.45	16' Length ..	55.50
10' Length ..	43.95		

ZIMMERMAN'S ANIMAL HEALTH SUPPLY
RD 4, Box 141, Lititz, PA 17543
Located 3 miles west of Ephrata, ¼ mile South of Rt. 322 along Wood Corner Road
(717) 738-4241

BUTLER® Livestock Systems
builds performance leaders



New unloader rates a "silo-bration"
At Butler we just outdid ourselves with the new Volumaster silage distributor/unloader It s a whole new machine that combines the best of the Butler/Jamesway Volumatic® III system with 25 new features for cost effective feeding management
- Even distribution uniform compaction for controlled fermentation reduced storage cost per ton
- Fast big volume unloading
- Works harder with less maintenance
- Designed for convenient easy servicing

See us for the performance leaders in systems and service

VOLUMASTER™
SILAGE DISTRIBUTOR / UNLOADER
I.G. SALES
Silverdale, PA 18962
(215) 257-5135

WIC HOULE
- Bedding Choppers
- Silage Carts
- Manure Tanks
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

US AGRI-SYSTEMS
(301) 398-2948
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates
- Cow Mats

TOLL FREE 800-222-2948

Calumet
THE CALUMET CO. INC. ALGOMA, WIS

NEW LIQUID MANURE EQUIPMENT FOR SALE OR LEASE
- Spreader Tanks - 2250 Thru 6500 Gallons
- Vacuum Tanks - 1500 Thru 4500 Gallons
- Earthen Pit Pumps
- Vertical Shaft Pumps
- Truck Mount Tanks - 2250 Thru 4500 Gallons
- Propeller Agitator
- Replacement Vacuum Pumps- 177 Thru 353 CFM's

- Used Clay Vacuum Pump $200
- Used Vertical Shaft Pump ..... Call
- Calumet 3250 Spreader Tank
- Calumet 3250 Spreader Tank w/ Injectors
- Badger 3000 w/Injectors

F. ERNEST SNOOK
RD 3, Box 84, Mifflinburg, PA 17844
PH: (717) 966-2736
"WE'RE HERE TO SERVE YOU"

MUELLER HiPerForm
"The Ultimate Measure of a Cooler's Worth is its Performance!" . . . and when you put your milk in a Mueller HiPerForm
...its like Money in the Bank!

Mueller Model OH Milk Coolers not only look good they offer the ultimate in sanitary design and are 100 stainless steel!

The HiPerForm Electronic Refrigeration Washing System has a new look and new features!
- Alarm Circuit
- Pre start Control
- Agitate Time Switch
- Automatic Interval Agitator
- Manual Bypass
- Digital Display
- Digital Temperature Readings

FIELD SERVICE TRAINED DISTRIBUTORS offer INSTALLATION and 24-HOUR SERVICE to ensure the safekeeping of your milk!

MUELLER SALES-SERVICE

Save Money and Get FREE HOT WATER!
The Model "D" Fre-Heater

USED TANKS
1250 Gal. Mueller "O" 600 Gal. Girton
1500 Gal. Mueller "OH"
MANY OTHER USED TANKS

AUTH. MUELLER DEALER
GEORGE M. PRIEST, JR. & SONS
RD 8, Box 142 Hagerstown, MD 21740
301-797-3921
24 HOUR SERVICE

DAIRY EQUIPMENT

Save Money 48x72 rubber mat, $29.95, 301-885-5045.

For Sale - DeLaval ration master feeders. 6 stations, 150 transponders. Supply auger, 12 ton feed tank. Used 15 months. Reason for selling - Expansion. 1 year NEW factory guarantee. Phone 304-725-2465 or 725-5183.

Bomatic stainless steel pipeline milking system. 4 units and 4 Little Champ detachers. Frederick Co. 301-371-9105 after 8 PM.

For Sale - Industrial grade ceramic tile for feed troughs and milk houses. 215-593-5004.

Weaverline electric feed cart, large size, good condition, $1,200. 301-733-7281.

For Sale - 600 automatic rolling mill w/dump scales, 10 h.p. electric motor; (2) 2½ Sprout Waldron vertical mixers w/7½ h.p. motors. 717-548-2271.

Wanted - 600 gal. Mueller flat top milk tank in good condition. Omar S. Fisher, 434 Newport Road, Ronks, PA. 17572.

1500 gallon Girton milk tank with washer 2-5 HP compressors 3 years old, like new; 20 foot Dion Feeder wagon. Berks Co. 215-678-9251. Between 7 PM to 10 PM.

Ag Progress Day Special - Brand new Universal 2" stainless steel pipeline. Includes 5 HP vacuum pump with oil reclaimer, stainless steel receiver panel, automatic washer, 4 units (alternating pulsation), 260 ft. stainless steel pipe, schedule 80 PVC vacuum line, wash vats, stand pipe, clamps and hangers, etc. Price $9,490. Insulation extra. 717-792-2674.

WANTED - Good used water and air pressure utter washer. Adams Co. 717-624-8561.

For Sale - 3 DeLaval pail milker units. Call 215-445-6825. Lancaster County.

Schwartz 750 mixer wagon with scale in working condition, $2,800. Also Calan magnet feeder, 2 units. 215-837-9540.

Wanted - Bulk milk tank 600 or 700 gallon with or without compressor. Mifflin County. 717-667-2783.

For Sale - Reconditioned milk porter sputnick, good condition. 717-786-3591.

FOR SALE
Rubber Matting For Dairy Cattle, Hogs, Horses, Pick-Up Trucks & Trailers
We Deliver
Call VANCO
717-776-3494

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

wic
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
LANDIS AUTOMATION
(717) 437-2375
Also See Ad On Pages B24 & 25

2 DeLaval Challenge feeders used w/60 transponders, exc. condition
#78 vacuum pump, new, discounted
10 used proportioners for parlor feeding
2 used pail milkers
New milker unit discounted after used at MD state fair Sept. 4, 1984
Plate bulk coolers, plate coolers & heat savers. Real top installations
Used 5 HP Danham-Bush compressor
3 HP Brunner compressor
2 - 16' used Badger forage boxes on tandem gear, real nice
1 - 24' Badger unloader, overhauled, like new w/7½ Hp motor.
New DeLaval computer feeder on display at our store - Also, teat spray unit - come in, see and talk — Leasing available!

DeLaval, Badger, Cannonball,
Madison Silos That's At
Badger
CECIL DAIRY SERVICE
374 Biggs Highway
Rising Sun, Md.
301-658-6923

GROW WITH US...
Your Needs Are Our Concern

AFS HANDLES THE FOLLOWING EQUIPMENT:
- Ceramic Tile For Cow Trough
- Show Ease Stalls • Free Stalls
- Water Bowls And Parts
- Galvanized Windows -3 Lite & 6 Lite
- Self-Locking Lever Rows
- Galvanized Grates: 3' Thru 20' Wide, 42", 45" & 48" High
- Gutter Grates • Cow Mats
- Energy Free Cattle Waterers
- Weaverline Feed Carts

CONCRETE
- Cattle Guards - 12', 14' & 16'
- H & J Feed Bunks
- Stock Tanks, 100 Gal. & 200 Gal.

- Patz Manure & Feed Handling Equipment
- Round Bale Feeders
- Round Bale Handling Equipment

afs automatic farm systems
608 Evergreen Road
Lebanon, PA 17042
(717) 274-5333

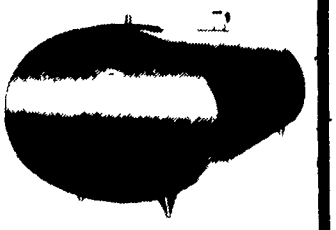
DELAVAL BUCKET MILKERS
- Complete - Ready to Milk
$445 if you purchase two or more units
DeLaval • Bou-Matic • Westfalia
60 lb. Milk Pails $175
Heavy stainless steel - Use 2 weeks. If not staisfied, return for full refund

These hard-to-beat prices good till August 31; so act NOW.

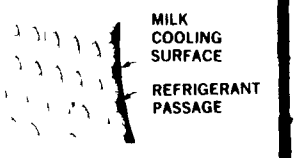
For more information, write:
Emanuel S. Zook
145 Peters Rd., Kinzers, PA 17535
4 miles east of Intercourse till Spring Garden. Turn left on Snake Lane till Peters Rd. Turn left, first farm.

SMUCKER'S SALES & SERVICE, INC.
RD #2, BOX 21
NEW HOLLAND, PA 17557
NOW AUTHORIZED DEALER FOR
SUNSET SUPPLY, INC.

MODEL SED
Featuring
Sunset s pre formed heavy gauge stainless steel evaporator plate is the heaviest in the industry



GOOD USED TANKS AVAILABLE



FOR PROMPT SERVICE CALL
717-354-4158 OR IF NO ANSWER
CALL 717-354-4374

LANCASTER SILO CO., INC.
2008 Horseshoe Rd , Lancaster, Pa 17601
"LANCASTER" CONCRETE STAVE FARM SILOS

SPECIAL: CLEARANCE SALE
"CALF-SAVER" - NEW, ECONOMY, PRACTICAL, LARGE, FIBERGLASS AND DURA-GUARD STEEL CONSTRUCTION

Check These Features:
1. Special Door Design for Maximum Weather Protection.
2. Large size: 48"x48"x91" - Extra Space
3. Exclusive Feeding Door in Rear Panel-Easy Access. No Lost or Wasted Feed.
4. Priced Low - Practical Design
5. Outlast Wood - Costs Less

Order Now: Special Cash & Carry Prices For This Shipment.

1 to 3 Units	$150.00 Ea.
4 to 9 Units	$145.00 Ea.
10 or More	$140.00 Ea.

PHONE — 717-299-3721 - Mon.-Fri. 7 AM - 4 PM
Larry Hiestand - Sales 717-273-7394 Evenings

Inventory Reduction
New & Used Equipment Specials

One Mix Mill Model D Grinder (New) $3995
Westfalia Vacuum Pump w/Oil Reclaimer, 5 HP . . CALL FOR PRICE!
Bou-Matic FR4A 5-HP Vacuum Pump, 95 CFM . . . CALL FOR PRICE!
Mix Mill Dump Hopper w/Cover - New . . . . . CALL FOR PRICE!
1500 Gal. Surge Tank, Like New, Delivered $6,900
1000 Gal. Girton Tank, New Compressor, Delivered $3,600
44 Ft. Bucket Elevator, 800 BPH, New $2,190
New Patz Belt Feeder (up to 70 ft.) $1,500
Misc. Pipeline Washers, Pulsation Controllers, Used Milking Units, Etc.
Data Feed Computer Feeder w/2 Feed Stations
1000 Gal. Dari Kool Ice Bank. . . . . MAKE OFFER!

60" AGRI FANS - 5 YR. WARRANTY $129.00

Specializing In Bou-Matic & Westfalia Computer Feeding Systems!
BOU-MATIC
WESTFALIA

- Dist. For Hammond Tingley Voltage! Ask for Gary Walton - 263-0826

CUMBERLAND DAIRY SERVICE
4560 Dairy Road
Chambersburg, Pa. 17201
717-263-0826

FISHER AND THOMPSON ASSOCIATES
Milk Equipment Sales & Service
21 E. Woods Dr. Lititz, PA
Authorized Dealer For
WESTFALIA SYSTEMAT
Nu Pulse

ARE YOU CONSIDERING COMPUTER FEEDING? IS YOUR MILKING SYSTEM CHECKUP OVERDUE?
Call Us Now!
- Stainless Steel Welding
- Cleaners & Sanitizers

BRAND NEW
Masport Pump Only
1 - M5 Vacuum Pump 110 CFM's
List $780 Sale $680

USED EQUIPMENT
- 1 - Surge Dumping Station
- 1 - Surge Alamo Vacuum Pump
- 1 - Bender Teat Cup Washer, $70
- 8 - Westfalia Auto-Tronic Parlor Pulsators
- 4 Surge Mangers ($25.00 for all 4)
- 1 Bou-matic Electric Bucket Unit Complete
- Low Milk Srainer
- 8 Westfalia ACR Detachers (like new)
- Bou-matic California Stretch Bore Shells
- 3 Bou-matic Claws w/Valves & Elec. Pulsators $150 ea.

CALL FOR SPECIAL LOW PRICES ON THIS USED EQUIP.

- Kendall Milk Filters -

SAVE $ $
We Now Have Acid In Bulk
On The Farm Route Truck Service.

CALL 717-627-1530
FOR PARTS, INSTALLATION AND SERVICE ON MOST MAKES OF MILKING EQUIPMENT
24 HR. SERVICE
Amos Fisher 717-687-8871
Rick Thompson 717-627-1530

Clip & Save

POLY DOME CALF NURSERY
"The Igloo"

The Poly Dome calf nursery is the answer to many of the problems associated with calf hutches.
1) They are light weight but need no staking down
2) They are durable with no upkeep.
3) They have an adjustable vent
4) Feeding is simplified.
5) they are economical.

Dealer inquiries welcomed from certain areas.

Call or Write
Distributor
Earle M. Zimmerman
1478 Colebrook Rd.
Lebanon, PA 17042
1-(717) 272-3558

Or Dealers
Shippensburg
Tim Zimmerman
717-532-4183

Quarryville
John Edward Weaver
717-786-3992

Clip & Save

DAIRY MANAGER SYSTEM
COMPUTER CONTROLLED FEEDING SYSTEMS

by FARMTRONIX ®

RALSTON PURINA CO., YOUR FARMTRONIX DISTRIBUTOR AND DEALERS

invite

ALL DAIRYMEN

to visit our display tent at

AG PROGRESS

We are located near the College Dairy Tent, between 11th & 12th Streets

THE ACCURATE AFFORDABLE "1"

- See the latest state of the art in Farm Computer Feeders and Accessories
- New Free Stall System
  - New Stanchion Feeding System (computer accuracy)
  - New Dairy Manager System
    - Preview New Software Programs and meet our Dairy Programming Specialist

- Five Operating Systems to be displayed
  - Free Stall High Moisture Grain System, Dual Ration
  - Stanchion Feeding System
    - Single Ration System (economy)
    - Dry Cow System
    - IBM Personal Computer with Cow Calendar and Herd Manager

- Register at our tent with our dealers for special Ag Progress Drawing and Free Goods against purchase

Contact Ralston Purina Co. (717) 737-5744, Your Farmtronix Distributor, Or Your Farmtronix Dealer

KEYSTONE MILLS
R.F.D. #3
Ephrata, PA 17522
717-354-4616

KNISELY'S AG CENTER
1233 W. High St. Box 16
Carlisle, PA 17013
717-243-2233

MILLER CONSTRUCTION
Box 245B, R.D. #1
Martinsburg, PA 16662
814-793-4727

WEST WILLOW FARMER'S ASSOC.
Box 52
West Willow, PA 17583
717-464-3386

WOODSTOWN ICE & COAL
Box 184, Grant St.
Woodstown, NJ 08098
609-769-0069

SPENCER'S MILLING SERVICE
P.O. Box 156
Clayton, DE 19938
302-653-8011

NORTH GLADE FEED & SUPPLY
Box 116
Keymar, MD 21757
301-898-3414

H.C. SUMMERS INC.
4002 Jefferson Pike
Jefferson, MD 21755
301-473-8300

ALBRIGHT'S MILL
P.O. Box 71
Kempton, PA 19529
215-756-6022

ANTHONY'S FEED MILL
P.O. Box 212
Strausstown, PA 19559
215-488-6211

BERRYMAN'S MILLS INC.
Box 13, Old Port Rt. 75
Port Royal, PA 17082
717-527-2274

CAMPSEY FEED & SEED
P.O. Box C
Claysville, PA 15323
412-663-7761

COUNTRY FARM SUPPLY
R.D. #2
Knox, PA 16232
814-797-1256

M.G. HENNINGER & SON
Box 261
Berrysburg, PA 17005
717-362-3333

HESS MILLS, INC.
South Vintage Rd.
Paradise, PA 17562
717-442-4183

K & K FEED
23 N. Park St.
Richland, PA 17087
717-866-2324

LEHMAN'S FEED STORE
Box 241
York Springs, PA 17372
717-528-4151

MARION CENTER MILLING
Box 202
Marion Center, PA 15759
412-397-2100

NAUGLE'S FEED & SUPPLY
RD 1
Berlin, PA 15530
814-267-4124

PENN STAR MILLING
Rt. 8
Centerville, PA 16404
814-694-3366

PHILLIPS FEED SERV.
Germansville, PA 18053
215-767-3819

PRINGLE'S FEED STORE
29 Franklin St.
Greenville, PA 16125
412-588-7950

THOMAS FEED MILLS
R.D. 2
Hollsopple, PA 15935
814-479-4426

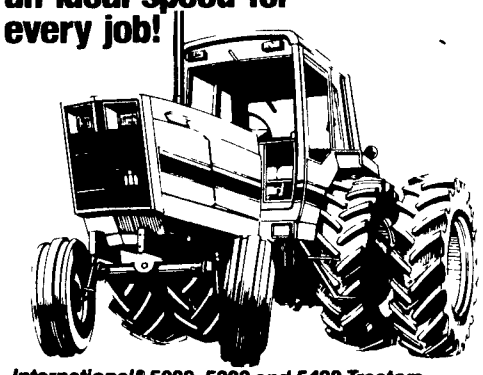
TYRONE MILLING CO.
P.O. Box 6
Tyrone, PA 16686
814-684-3400

UMBERGER'S MILL
R.F.D. #4
Fontana, PA 17042
717-867-2613

FARMTRONIX
Wholly Owned Subsidiary of Ralston Purina Co
Made in U S A

Be Sure and Stop in at the Big International Harvester Display during Penna. Ag Progress Days. August 21, 22, 23

Advanced drive train gives you an ideal speed for every job!



International® 5088, 5288 and 5488 Tractors

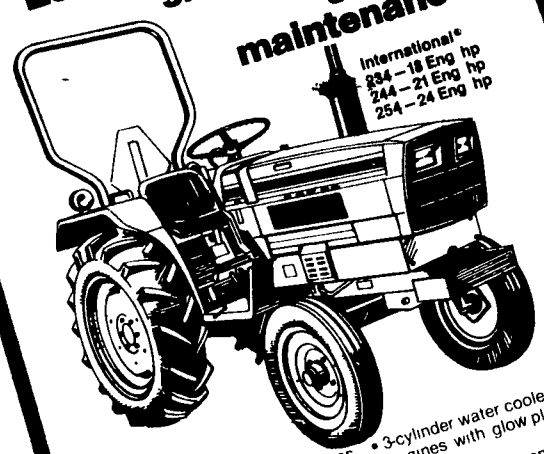
High torque turbocharged diesel engines plus a highly innovative transmission with 18 uniformly spaced forward speeds usher in a new dawn of performance for greater day after day productivity and reliability Here are just some of the features that make the 50 Series tractors the industry standard for engineering excellence

- International turbo diesel engines with 136 1* 162 6* and 187 2* PTO hp
- Exclusive Power Priority hydraulics
- Exclusive Forward Air Flow cooling
- Smooth easy Synchro Tri Six shifting
- Right hand command controls

PLUS A 3 year or 2500 hour extended warranty on the engine and drive train! Stop in soon for details

Finance plans available

Economical diesels for small acreages, general maintenance



International® 234 – 18 Eng hp 244 – 21 Eng hp 254 – 24 Eng hp

Perfect for smaller acreages these feature packed tractors are also a natural for general maintenance work And all three models are available in 2 wheel and all wheel drive

- 3-cylinder water cooled diesel engines with glow plug starting
- Quiet smooth running transmission with job rated speeds
- Full instrumentation
- Category I 3 point hitch and live hydraulics
- ROPS frame standard

Finance plans available

Extra traction, extra productivity!

International 84 Series All-Wheel Drive Tractors

Get it all – increased pull power improved productivity maneuverability and economy with an International 84 Series all wheel drive tractor And they're available in five power sizes from 52 5 to 72 9 PTO hp Look at the benefits

- Increased traction in mud, sand snow or slippery feed lots
- Greater flotation in wet spongy ground
- Fewer ruts in erosion prone areas
- Switch from 2 to all wheel drive right from the tractor seat on the go

Come in for all the details

See Us Today For The Best Deals Around

INTERNATIONAL AGRICULTURAL EQUIPMENT

CLARENCE WILSON & SON
Kimberton, PA
215-933-3581

BENDER IMPLEMENT CO.
Somerset, PA
814-443-4611

NEIL S. HARRISON, INC.
Orangeville, PA 17059
717-683-5586

R.S. HOLLINGER & SON
Mountville, PA
717-285-4538

HICKORY INTERNATIONAL INC.
Route 1 Hickory
Bel Air, MD
301-838-4200

MELVIN J. SHEFFER, INC.
121 Railroad Street
Hanover, PA
717-637-3808

MANOR EQUIPMENT, INC.
Wheatfield Rd. #8356
Sinking Spring, PA 19608
215-678-0828

SWOPE & BASHORE, INC.
RD 1, Box 173
Myerstown, PA.
717-933-4138

R.T. MARKLE FARM EQUIPMENT INC.
1841 Pine Hall Drive
State College, PA 16801
814-237-3141

INCH EQUIPMENT CO.
McAllisterville, PA
717-463-2191

MESSICK FARM EQUIP.
Rheems Exit Rt. 283
Elizabethtown, PA
717-367-1319

SIVERS EQUIPMENT CO.
Wyalusing, PA
717-746-3355

ERB & HENRY EQUIP., INC.
22-26 Henry Ave.
New Berlinville, PA
1 Mile North of Boyertown
215-367-2169

WM. HOBENSACK'S SONS
1060 Greeley Ave.
Ivyland, PA
215-675-1610
215-343-2101

C.B. HOOBER & SON
Intercourse, PA
717-768-8231

OTT BROS. FARM SUPPLY
McConnellsburg, PA
717-485-4114
717-485-4662

DIBBLE HARDWARE
Meshoppen, PA
717-833-5337

SQUARE DEAL GARAGE
Millheim, PA
814-349-5609

LAMB'S FARM MACHINERY
Thorndale, PA
215-269-2676

M & R EQUIPMENT, INC.
New Park, PA
717-993-2511

BIGGS INCORPORATED
34 Buckley Ave.
Rising Sun, MD
301-658-5531

FARM-RITE INC.
Shiloh, NJ
609-451-1368

MORRIS INTERNATIONAL INC.
Everett, PA
814-652-6101

C & W EQUIPMENT, INC.
260 York Rd.
Carlisle, PA 17013
717-243-4419

MIFFLINBURG FARM SUPPLY
Route 45
Mifflinburg, PA
717-966-3114

GEORGE W. KINSMAN, INC.
516 Main St.
Honesdale, PA 18431
717-253-3440

ECKROTH BROS. FARM EQUIP.
RD 2, New Ringgold, PA
717-943-2131

NORMAN BRIGHT
New Egypt, NJ
609-723-0300

HOOBER EQUIP., INC.
Middletown, DE
302-834-5177

VOUGH & SONS, INC.
Bangor, PA
215-588-5922

RINGTOWN FARM CO., EQUIPMENT
RD #1 Box 3A
Ringstown, PA
717-889-3184

Eleven-year-old Travis Werley of Shoemakersville, Pa. exhibited the grand champion heifer at the Empire Polled Hereford Association Junior Show on July 27. Pictured with Travis are Association president, Jerry Mickelson and the exhibitor's sister, Tricia.

Photo by Robert Dennis

Werley tops Empire Polled Hereford Show

WEEDSPORT, N.Y. — Two young cattlemen, Travis Werley of Shoemakersville, Pa. and Peter Marshall of Port Byron, N.Y. walked off with the top honors at the Empire Polled Hereford Association Junior Show July 27, at the Cayuga County Fair grounds, Weedsport, N.Y. Although both are only 11 years old, both are veteran showmen.

Travis who is the son of Mr. and Mrs. Paul Werley and who has been showing Polled Herefords for four years exhibited the grand champion heifer, SBF Royal Spec Miss 8303. This late junior yearling won her class and the senior champion title also.

Peter who is the son of Mr. and Mrs. Herbert Marshall Jr. and who has been showing Polled Herefords for three years exhibited the reserve grand champion heifer, MF Granita 3016. This early junior yearling won her class and the junior heifer championship.

Kevin Diehl of Fairfield Pa. exhibited the bull calf champion, KJD Resoluion 8401, and Tara Mitchell of Skaneateles, N.Y. the reserve bull calf champion, TM Mr. Madiagn.

Melinda Marshall of Port Bryon, N.Y. exhibited the champion heifer calf, MF Victoria 2105-4010 and Dan Mickelson of Newfield, N.Y. the reserve heifer calf champion, Dunwalke High Voltage.

The reserve junior heifer champion was SWF MS Princess 103 R shown by Laura Thomson of Akron, N.Y. The reserve senior heifer champion was WHF Granite Gail shown by Vonda Haynes of Groton, N.Y.

Laura Thomson also exhibited the champion steer and Travis Werley the reserve champion steer. The cow/calf class was won by Melinda Marshall.

Laura Thomson was the junior showmanship contest with Tricia Werley of Shoemakersville, Pa. second. Others in the order of placings were Travis Wereley, Scott Baker of Palmyra, N.Y. Tom Baker of Palmyra, Lisa Adams of Ontario, Peter Marshall, Dennis Birdsall of Homer, N.Y. and Brian Birdsall of Homer.

Stephen Card of McGraw won the highly competitive senior showmanship contest with John Kriese of Cato a close second. Others in the order of placings were Kevin Diel of Fairfield, Pa., Tara Mitchell, Dan Mickelson, Melinda Marshall, Tim Marland of Cazenovia, N.Y. Holly Mitchell of Skaneateles, Darrell Card of McGraw and Vonda Haynes.

Ted Wheeler, manager of Double M-B Ranch at Southwick, Mass. who judged the show, complimented the juniors on the quality of the cattle shown. He said any of the older youth could be competitive in a national show. He also complimented the Empire Polled Hereford Association on the management of the Junior Show and expressed appreciation to the parents for their support of the young people.

Livestock Ledger

By

Chester D. Hughes

Extension Livestock Specialist

While our American athletes were collecting Olympic medals in Los Angeles, Lancaster County 4-H members were capturing championship awards in livestock and meats judging competition at State 4-H Achievement Days at Penn State University.

Winning individual gold medals for Lancaster County were Emily Weaver, daughter of Mr. and Mrs. F. Roy Weaver, Ephrata in the Junior Livestock Judging Contest and Brian Hess, son of Mr. and Mrs. Abram Hess, Conestoga on the Senior Livestock Judging Contest. In team competition, Brian Hess led the senior team to gold honors in Livestock Judging. Team members included, Michelle Dean, daughter of Mr. and Mrs. William Dean, Strasburg; Jan Waltz, son of Mr. and Mrs. Ardith Waltz, Manheim; and Fritz Frey, son of Mr. and Mrs. Fred Frey, Quarryville.

Emily Wever anchored the Junior Livestock Team to a silver award in their judging compeition. Team members included Ellen Lewis, daughter of Mr. and Mrs. George Lewis, Mount Joy; Tricia Musser, daughter of Mr. and Mrs. Harold Musser, Elizabethtown; and Joe Garber, son of Mr. and Mrs. David Garber, Maytown who earned the highest score on his Junior Judging talk.

In meats judging competition, Lancaster County captured the bronze medal.

Team members included Margaret Herr, daughter of Dr. and Mrs. Robert Herr, Narvon; Jennifer Wolgemuth, daughter of Mr. and Mrs. Paul Wolgemuth, Elizabethtown; Jay Reiff, son of Mr. and Mrs. Ivan Reiff, Lititz; and Bryan Whitman, son of Mr. and Mrs. Ed Whitman, Kirkwood.

These 4-H'ers performed admirably in competition and represented Lancaster County with pride and enthusiasm, much like our many USA medalists in the Summer Olympic Games. For the Senior Livestock Judging Team, there remains more practice and more contests. During September, October, and November, the team, representing Pennsylvania, will travel to competition in Springfield, MA; Richmond, VA; Timonium, MD; Harrisburg, PA and Louisville, KY, the National Contest.

This fall season will certainly be an exciting and educational experience for these gold medal winners. Congratulations to the champs and many thanks to local livestock producers who provided quality livestock and facilities to the team during their rigorous summer practice schedule.

The Cooperative Extension Service is an affirmative action, equal opportunity educational institution.

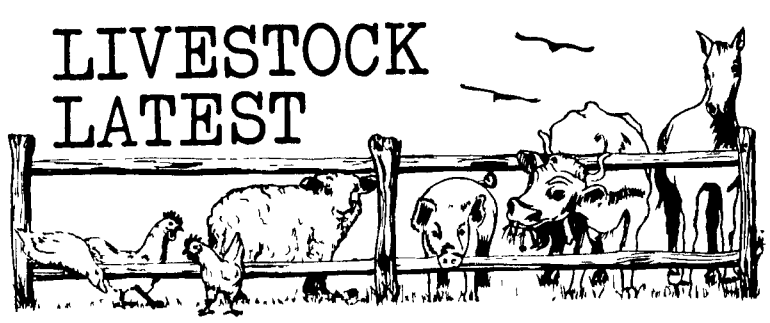
Western sheep suffer winter losses

DENVER, Co. — Winter-related sheep losses in the Rocky Mountain states could mean 17 percent fewer lambs will be available this fall, according to a survey completed last week by the Denver-based American Sheep Producers Council.

The study was launched to assess losses in the nation's largest sheep-producing area after a record-breaking winter. More than 2,000 producers resonded, accounting for more than 20 percent of the sheep inventory in the six states surveyed: Colorado, Idaho, Montana, South Dakota, Utah and Wyoming.

Hardest-hit, according to the survey, were Wyoming producers, who suffered high losses when a four-day spring blizzard ripped through the state on the heels of a severe winter. The state lost 22.2 percent of its breeding ewes, and Wyoming producers will send 11.7 percent fewer fat lambs (ready for slaughter) and 37.3 percent fewer feedlot-ready lambs to market.

(Turn to Page D4)



Maryland livestock dealer agrees to suspension

WASHINGTON — Thomas E. Kolb, Keymar, Md., has agreed to a suspension of his livestock dealer business for six months and thereather until he files an adequate bond and shows he is no longer insolvent, a U.S. Department of Agriculture official said today.

B.H. (Bill) Jones, head of USDA's Packers and Stockyards Administration, said Kolb purchased livestock directly from producers and dealers and at public markets in northern Maryland, southern Pennsylvania and western New York.

In agreeing to the suspension and a cease and desist order, Kolb neither admitted nor denied the charges which were filed by USDA last March in an administrative complaint under authority of the Packers and Stockyards Act.

The cease and desist order, similar to a permanent injunction, was issued to ensure future compliance with the P&S Act.

The P&S Act is an antitrust, fair trade practice and payment protection law. It is designed to maintain integrity in the marketing of livestock, poultry and meat and in the marketplace.

Delaware State Fair Champions

Exhibiting Delaware's grand champion market hog is Anthony Joseph of Seaford. Hatfield Packing Company's Bill Serman (left) bought the hog for $3.25 a pound. Delaware's Lieutenant Governor Mike Castle completes the picture.

Roger Collison of Harrington showed this year's grand champion market lamb at the Delaware State Fair. The lamb went to IGA Stores of Delmarva for $4 a pound. Pictured with Roger and his lamb are (from left) IGA buyer Bob Gregor; Bill Jones, manager of Big G Foodliner in Dover; Del. Lamb and wool queen Martha Klair and Hockessin; and Lt. Gov. Mike Castle.

BEACON #1 IN PRE-SERV PRODUCTS

GONE WITH THE WIND?

When leaves crumble and blow away, you're out protein and money.

Beacon Hay Pre-Serv can put an end to leaf shatter. Dryness can cause nutrients to blow away, disappear in the fields or on the wagon. That not only robs cows of the protein they need, it means you have to purchase more protein for your dairy ration.

With economical, easy-to-apply Hay Pre-Serv, you can cut at up to 25% moisture, and get less leaf shatter, more palatable hay, and 10% more of it! You can bale earlier in the day or later in the evening, and even on cloudy days when the hay is well above 18% moisture.

So start using Beacon Hay Pre-Serv and put an end to nutrients and proteins that are gone with the wind. Start saving today... see your Beacon Advisor or Beacon dealer.

ROBBED AGAIN?

Reduce shrinkage and energy loss with Beacon Silage Pre-Serv.*

Beacon Pre-Serv has a consistent formula of organic acids — natural aids to silage conversion — that encourage bacteria already present in the silage to produce excellent low heat fermentation of forages, so you get more hay crop silage for feeding.

University tests of Pre-Serv treated silage stored in a bunker silo achieve: 8.64% more dry matter, 9.3% more energy, and 6.3% more protein.

So don't be robbed of digestible nutrients — be rewarded with more milk from your cows! Use highly effective Beacon Pre-Serv... liquid or dry. It's another way to Bank on Beacon.

STOP BY AND SEE OUR EXHIBIT AT AG PROGRESS DAYS
WE'RE NEXT TO THE HAY BARN!

ROGER L. SANER
Thompsontown, PA
717-535-5307

STEVENS FEED MILL, INC.
Stevens, PA
215-267-2150

NEW FREEDOM FARM & HOME SUPPLY, INC.
New Freedom, PA
717-235-3606

CLARK SUPPLY CO.
Rising Sun, MD
301-658-6464

BOLTON TURKEY FARM
Silverdale, PA
215-257-6047
215-723-3040

NOLT'S MILL
Witmer, PA
717-393-1369

H. JACOB HOOBER
Intercourse, PA
717-768-3431

MARTIN'S ELEVATOR, INC.
Hagerstown, MD
301-733-2553

McCRACKEN'S FEED MILL, INC.
Manheim, PA
717-665-2186

H.O. ANDREWS & SONS, INC.
McVeystown, PA
717-899-6772

NORTH GLADE FEED & SUPPLY, INC.
Keymar, MD
301-775-7981

DAVID O. FINK
Germansville, PA
215-767-1408

HAINES INC.
New Wilmington, PA
412-946-8735

RICHARD B. KENDIG
Special Accounts Representative
Phone 302-478-3058

R.E. RUDISILL
Beacon Advisor
Phone 717-854-2281

BYRON STUART
Beacon Advisor
717-792-9564

ISAAC K. LEFEVER
Beacon Advisor
Phone 215-267-7042

RAY BRANAS
Beacon Advisor
717-843-4515

BEACON FEEDS

York, PA 17504
PH: 717-843-9033

BEACON Milling Company, Inc.

We're Employee Owned. That's Why We Shine.

Rohrering Oaks dispersal draws enthusiastic buyers

CARLISLE — Due to active interest and a quality group of sheep, the Rohrering Oaks Dispersal ended with an impressive average of $183.00 on 52 lots. The Rohrer family saw an end to their eastern Southdown domination on July 14th in Carlisle, Pennsylvania.

Topping the sale at $525 was Howard "167-81", a three-year-old ewe selling to James Howard of Wooster, Ohio. Bernadette Bauer of Bonfield, Illinois selected two other Howard ewes at $325 and $300. Several ewes selling at $200 to $235 were purchased by Steve Kwisnek, Don Hopkins, and David Fruendt of Illinois. Eighteen breeding ewes posted a $188 average.

Stud rams sold strong, as C & S Curtis of Stockbridge, Michigan Purchased "Hercules" at $400. This was the famed Howard stud that was reserve champion at the 1981 Midwest Sale. In the second slot, was a son of "Hercules" selling at $360 to Michelle Seace of Richmond, Massachusetts. Seven stud rams averaged an impressive $217.14.

Yearling ewes held their own as the average on the ten ewes was $199. David Fruendt of Monticello, Illinois selected Cole "2422", the 1983 Reserve Champion at the Midwest Sale, at $325. Donna Fife of Massachusetts and Karen Armbruster of Michigan each selected yearlings at $260. M.C. Ashby of Staunton, Virginia took a pair at $210 and $200.

Bidding on ewe lambs was highly competitive. Quantity was low but quality strong, as seven ewe lambs averaged $214. Steve Kwisnek of Clarksburg, Pennsylvania took first choice at $475. Laurhel Southdowns of Oakham, Massachusetts selected another at $325.

Ten quality ram lambs ended the sale with a $112 average. Top lamb went to Laurhel Southdowns at $275, while Shaunna Jones of N. Tazwell, Virginia selected one at $200.

Over 100 registered buyers were on hand. Sheep sold into 12 states. Brubaker Livestock Marketing, Ken Brubaker, of Westtown, Pennsylvania managed the sale.

Sheep losses

(Continued from Page D2)

Colorado producers were also hard hit. An early snowstorm last Thanksgiving, followed by subzero temperatures throughout winter, cost producers 21.5 percent of their breeding ewes and disrupted the normal breeding cycle. So Coloradans will produce 23.5 percent fewer fat lambs and 27 percent fewer feeder lambs this fall.

Idaho reported ewe losses of 6.7 percent, with 16.3 percent fewer lambs available this fall. Montana lost 6.6 percent of its breeding ewes and will have 9.7 percent fewer lambs to sell. South Dakota lost 6.9 percent of its ewes and 6.8 percent of its lambs. And Utah reported losses of seven percent of breeding ewes, 6.5 percent of lambs.

Some of the impact on farm-level prices is already built into the market. Idaho producer,s the first of Western ranchers to market their lambs are receiving 60 to 63 cents per pound, up 12 to 15 cents from last year. California mountain lambs are showing similar increases, as are Montana lambs. Wholesale lamb prices have also been affected. Last week prices climbed five cents to $1.35 per pound, 20 cents higher than the same week last year.

ASPC 6-STATE WEATHER LOSS SURVEY*

State	Stock Ewe Change January 1984-June 1984	Lamb Crop Change June 1983-June 1984	Market Lamb Change June 1983-June 1984		
			Fats	Feeders	Total
Colorado	-21.5	-21.5	-23.5	-27.0	-25.0
Idaho	- 6.7	-10.8	-15.6	-19.9	-16.3
Montana	- 6.6	- 5.8	-17.3	- 7.4	- 9.7
South Dakota	- 6.9	- 3.0	-13.0	- 2.0	- 6.8
Utah	- 7.0	- 8.9	- 6.9	- 6.1	- 6.5
Wyoming	-22.2	-17.0	-11.7	-37.3	-30.5
Six-State Average	-12.3	-11.1	-15.4	-18.0	-16.7

* All figures presented as percentages

Pa's Townsends place in Simmental Classic

SPRINGFIELD, Mo. — A five member squad from the State of Michigan won the team championship, and 13 year old Nikki Overpeck of Clinton, Indiana was the high scoring individual in the overall competition at the American Simmental Association's 5th Annual Summer Classic for junior members, held recently at Springfield, Missouri.

Two hundred eighty delegates from 25 states competed in a variety of categories, including a sire summary exam, a herdsman exam, public speaking, a sales talk, beef bowl, livestock judging with oral reasons, a heifer competition and showmanship.

"In keeping with ASA's traditional performance philosophy, emphasis is placed on education, competition, participation, and recognition", said Earl B. Peterson, Executive Vice President of the American Simmental Association. "The Classic, above all else, is a learning experience for our junior members".

The Michigan I team, composed of Dan Bates of North Branch,

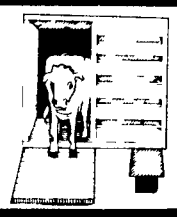
(Turn to Page D5)

2nd IN A SERIES

BEEF FEEDING Management

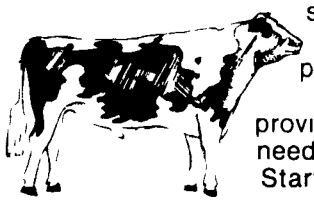
THE OLD WAY:

Preparing rations for newly arrived feedlot animals without adding medication to address problems that can be caused by shipping.



YOUNG'S WAY:

Mix medicated Start Kwik® into your starting rations to aid in treating and preventing shipping fever, bacteria diarrhea, and off feed problems caused by the stress of travel. It also provides the exact vitamins needed to resist infections. Start Kwik® in the race for increased profits.



Start Kwik® is a Cargill registered trade mark of Cargill Inc

Feedlot Management, we invented it over 80 years ago.

young's

Livestock Nutritional Services

For more information contact

Ray Brechbill	Lititz Pa	(717) 626 5266
Cassel Mummau	Mt Joy, Pa	(717) 653 4355
Curt Umble	Landisville, Pa	(717) 898 0884
Gerald Burket	Martinsburg Pa	(814) 793 2795
Bob Baker	Lebanon, Pa	(717) 272 8985
Tony Eberly	Stevens, Pa	(215) 267 2789
Jay Beidel	Plainfield, Pa	(717) 243-7441
Carlos Snyder	Hugesville, Pa	(717) 584-3519

GENERAL RECONSTRUCTION PAINTING

MASONRY

- SANDBLASTING
- REPOINTING
- WATERPROOFING

★ CHURCH STEEPLES RESTORED

★ SPECIALISTS IN HIGH WORK

★ LIGHTNING PROTECTION

★ CARPENTRY WORK

★ ROOFING

- SLATE
- SHINGLES
- WOOD SHINGLES

★ METALWORK

- COPPER
- TIN
- SIDING
- ORNAMENTAL REPAIRS
- GOLD LEAF FOR SPIRES & CROSSES

★ CALL US, WE TAKE PRIDE IN OUR WORK

Call or Write:

F.R. BEHM & SONS, CONTRACTORS

P.O. BOX 234
LITITZ, PA 17543
PH: (717) 626-8528

☐ I WOULD LIKE AN ESTIMATE
☐ I WOULD LIKE INFORMATION
NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE _____
DIRECTIONS TO YOUR LOCATION _____

Growth hormone may enhance newborn pig survival, growth rate

COLUMBIA, MO — Scientists at Cornell University are experimenting with pig growth hormone to see if this substance could help save the lives of newborn piglets. Baby pig mortality is a major predicament for the nation's swine farmers.

Cornell researchers have used the hormone, a natural substance isolated from the animal's pituitary gland, to improve "energy storage" in unborn pigs and to increase milk production in sows.

Animal scientist R. Dean Boyd from the New York State College of Agriculture and Life Sciences at Cornell says that this study, one of several designed to combat baby pig mortality, represents an innovative approach to the mortality problem.

Boyd described the research at the annual meeting of the American Society of Animal Science (ASAS) held at the University of Missouri, August 7-10.

In the Cornell experiment, a group of pregnant sows received daily injections of natural porcine growth hormone (pGH) during a five-week period before and after farrowing. Results indicated that newborn pigs were healthier and sows gave more milk, according to Boyd.

Although the use of such a hormone to enhance the survival of piglets represents a new approach to the problem, Boyd cautioned in an interview that it would be some time before farmers could use this hormone routinely.

"We are still evaluating the use of this substance," he explained.

Natural pGH is available only in extremely limited quantities for research purposes, but great strides are being made to produce the material through genetic engineering techniques known popularly as gene splicing.

"This will facilitate additional research to determine effectiveness and safety of the substance to animals and consumers," Boyd said.

Explaining the problem of baby pig mortality, Cornell's Boyd said that 10 to 25 percent of all newborn pigs die within seven to 10 days after birth, resulting in serious economic losses for swine farmers across the United States.

In other words, one to three baby pigs in 10 (an average litter size) die before weaning (three to five weeks after birth). Some 60 to 70 percent of piglets that die do so within three to four days of birth.

Among the major causes of death, Boyd cited hypoglycemia, a condition caused by low levels of glucose (sugar) in the blood when the pigs are born, and starvation which results from the inability of smaller piglets to compete with nourishment with more vigorous littermates.

To prevent hypoglycemia, baby pigs must have adequate energy reserves in the form of glycogen in the liver at the time of birth, and they must get regular nourishment, Boyd explained. Glycogen, a form of sugar stored in the liver, is essential for maintaining adequate blood glucose levels during a pig's early stage of life.

The boost energy reserves in baby pigs and also the sow's milk yield, pregnant sows were given daily injections of small amounts of pGH during the last two weeks of gestation and also during the first three weeks of lactation after farrowing.

Among the findings Boyd reported to the ASAS meeting were:

- Markedly increased levels of glucose in the blood during the first 24 hours of life, a factor crucial for preventing the development of fatal hypoglycemia.
- Higher levels of free fatty acids (FFA) in the blood; these fatty acids serve as an important source of additional energy conducive to baby pig survival.
- Substantial increases in levels of fat in colostrum, the antibody-containing milk produced by sows during the initial stage of lactation. This results in increased energy density critical to survival.
- Overall milk production went up 15 percent; milk fat was up, also.

"The increase in milk production coincided with a 22 percent reduction in the amount of feed consumed by sows, which might account for the failure to improve milk yield further," Boyd said. "In order for this to be of practical significance, milk production should increase in the range of 25 to 30 percent with some increase in feed consumption. Additional milk yield would result in greater rates of piglet growth."

"The reason for decreased food consumption is not clear, but may be related to the purity of the pGH preparation used in our experiment," Boyd noted. "Preliminary observations in yet another experiment evaluating synthetically-derived growth hormone indicate that feed consumption is not reduced."

Summing up his work, the Cornell scientist observed: "There is good evidence that growth hormone is a key hormone directing nutrients during critical periods such as late pregnancy and lactation. These results suggest that the potential for decreasing pig mortality is very good."

Boyd said that more research is required to fully characterize the biological responses to pig growth hormone. Even if all goes well, it would be several years before farmers can us this substance on a commercial scale.

IT'S MAGIC
How quickly
You Get Results
From Our
Classifieds!

PHONE
717-394-3047
or 717-626-1164

Simmental Classic

(Continued from Page D4)

David Ivan of New Lothrop, Jim Bornemann of Durand, Tim Clary of Rives Junction, and Jeff Harwood of Ionia, bettered all other teams in the cumulative team totals, after finishing second in each of the past two years. The runnerup team was Texas II, while Minnesota was third.

In the individual competition, Miss Overpeck, at age 13, became the youngest overall winner in the history of the event, moving up from her runnerup position of one year ago. Second place went to Harwood, followed by Pia O'Conner of Columbus, Indiana, in third place.

Overpeck also led the "13 and under category", followed by Nancy Townsend, Brodbecks, Pennsylvania; Tim Warvel, Danville, Michigan; Shane Geib, Thayer, Missouri; and Lucy Buxkemper, Ballinger, Texas.

Renee Howard captured first place in the sire summary quiz, with Dennis Gann of Bay City, Texas in second place. Pennsylvania's Jim Townsend placed fourth in this event.

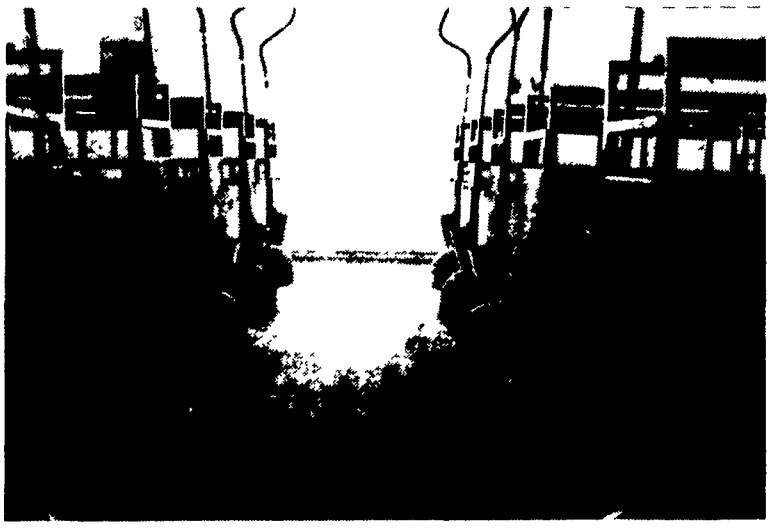
In the herdsman quiz, first place went to Alan Forster of Smithfield, Nebraska. The judging winner was Natalie Martin of Kingman, Indiana, with Kim Delashmutt, Manhattan, Kansas placing first in the heifer competition. Tom White of Eaton, Ohio was the first place winner in showmanship.

Other individual awards included a first place win in the sales talk contest for Terry Burks of Glasgow, Kentucky, and first place for Shane Geib, Thayer, Missouri in public speaking.

Team winners by category, included Michigan I in the livestock judging, Minnesota in both the herdsman quiz and beef bowl, Texas II in the sire summary quiz and Indiana I in the heifer groups.

Shelly Dicken of Newton, Kansas was elected president of the 3,500 member American Junior Simmental Association.

FROM THE FARM BUILDING SPECIALISTS
Another Quality Building From Triple H Construction



Pictured Above: 36'x80' Hog Farrowing And Nursery Building

Featuring:
★ Earth Tube Heat Exchanger
★ Snout Zone Cooling For Sows
★ AAA Associates Ventilation Equipment
★ EZ Flow Manure Gutters

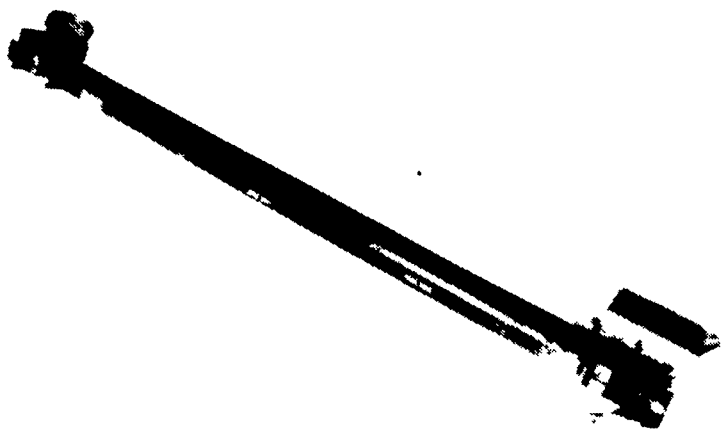
Advantages Offered By This Building Type:
★ Reduced Heating Costs During Winter
★ Improved Air Quality By Allowing Higher Ventilation Rates During Winter
★ Modified Y-Gutter Design Allows Frequent Manure Removal By Gravity Draining
★ Snout Coolers Greatly Reduce Sow Heat Stress During Hot Summer Months

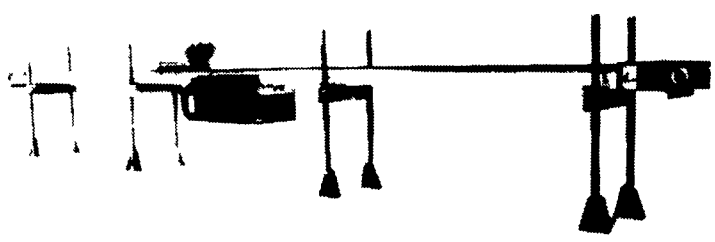
Thanks and Congratulations
TO
HENRY AND MARSHA GRUBER
AND SON, SETH GRUBER
On Their New Hog Farrowing & Nursery Building

Triple H Construction Co.
29 S. Charles St.
Ephrata, Pa. 17522
717-738-2142
The Farm Building Specialists

See Our Display At Ag Progress Days
Commercial Exhibit Tent No. 3

BUSINESS NEWS...





New conveyors from Patz include the Model 1600C central-drive and the Model 1600E End-drive.

Patz reports conveyors

POUND, Wisc. — The new Patz Model 1600C Central-drive, and Model 1600E End-drive Belt Conveyors offer many valuable features.

The Patz Model 1600C provides reversing drive to convey feed in either direction; and central drive unit can be located at various points between the ends for convenient installation.

The Model 1600E's motor mounts top or bottom for convenient installation.

Optional adjustable elbow that allows elevating feed and then conveying level with both machines.

Both the Model 1600C and Model 1600E use a 16-inch, concaved belt to convey up to 62 cubic feed (50 bushels) per minute, depending on elevation and type of feed. The belt is specially designed for reliable operation in cold or hot weather.

Two belt choices are available: (1) smooth belt allows conveying up moderate inclines and (2) textured belt allows conveying up steeper inclines.

Conveyor lenghts of 4 to 200 feet are available.

Drive unit simplicity provides easy maintenance and long life. Access to greaseable bearings is easy.

Covers, hoppers, spouts, and spout extensions with diverters and support brackets are available.

The galvanized steel sections resist rust.

These machines and their options qualify for Patz financing at participating dealers.

MF introduces harrow/packer line

DES MOINES, Ia. — The uses for field harrows and packers are many and varied. Whether they're used for field finishing, tucking in seed, eradicating small weeds or packing a field to minimize wind erosion, field harrows and packers are a vital part of many tillage programs.

Massey-Ferguson introduces a new "family" of field harrows and packers. The MF 375 field packer, the MF 376 field harrow and the MF 377 field harrow/packer feature a wide, cart-mounted toolbar. Narrow packer and/or harrow gangs are hitched to the toolbar, floating individually to ensure uniform packing or cultivation across the width of the machine.

The new harrows and packers are designed principally for use on the large fields of the North American wheat belt. However, farmers throughout the U.S. and Canada will find these implements useful in their farm operations.

MF 375
Field Packer

The MF 375 field packer is available in working widths of 32 to 60 feet, in two-foot increments. A tricycle cart with tongue-steered front wheel permits towing behind tillage or seeding equipment.

Helical steel packer gangs, available in 100 or 130-pounds per foot weights, uniformly press the soil for intimate seed-soil contact and optimum germination.

Alternate right and left pitch gangs leave the field surface in an erosion-resistant herringbone pattern.

Carrying wheels on the outer ends of the outboard sections maintain constant toolbar height on rolling fields.

Hydraulic cylinders lift and fold the units for transport, and unfold them for operation.

Single packer units, with ball and socket-type hitch are available for individual use behind plows and similar equipment.

MF 376
Field Harrow

The MF 376 field harrow is a cart-mounted toolbar with narrow, coil spring tooth harrow gangs, designed for pulling directly behind a tractor. Available in 50, 60, 70 or 80-foot working widths, the MF 376 can be used for secondary tillage to break up clods, eradicate small weeds and leave a fine tilth for seeding. After seeding, it can eliminate small weeds and sift the soil surface to settle fine particles around the seed.

When equipped with its optional sprayer attachment with low-carried manifold and nozzles, it does a superior job of incorporating herbicides or insecticides.

The 5-foot wide harrow gangs, with optional 4 to 5 bar construction, have adjustable teeth angles. The double-mounted spring steel teeth, 14 inches long and 3/8-inch in diameter, can be equipped with either straight or angled ends.

Like the MF 375, the MF 376 field harrow has a three-section pivoting toolbar with 4-by-6-inch structural steel tubing, which flexes to follow the field surface; rocks to lift the harrow gangs; and folds to a narrow, safe transport width.

Adjustable heavy truss cables ensure toolbar alignment, and outboard toolbar gauge wheels maintain uniform toolbar height.

The MF 376 is easily folded for narrow transport. A unique truss cable latch mechanism provides simple "drive-ahead" mechanical fold to transport and "back-up" to unfold to working position convenience. The MF 377 field harrow/packer also features this simple method of folding and unfolding.

Optional sprayer attachments include a 500-gallon tank for regular cart use and a 1000-gallon tank for use on heavy-duty carts. The pump is PTO-driven with corrosion-proof manifold and nozzles.

With harrow gangs removed, the cart and toolbar can double as a postemergent sprayer.

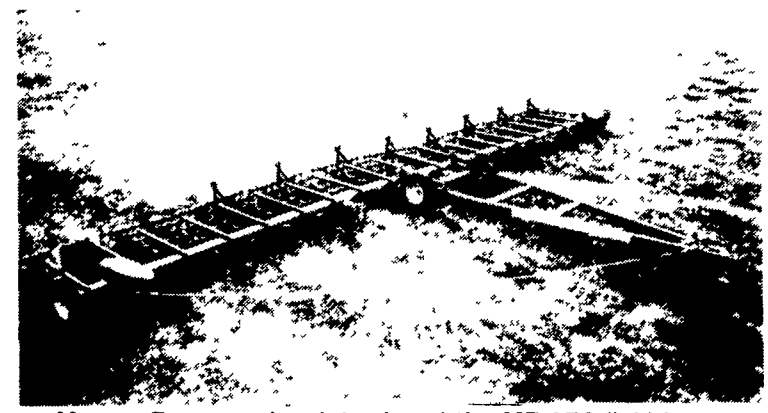
MF 377 Field Harrow/Packer

The MF 377 field harrow/packer is a cart-mounted three-section toolbar with narrow coil spring tooth harrow gangs and helical packer units. The new harrow/packer is available in 40, 50, 60 and 70-foot widths.

Right and left coiled packer units press the surface to enhance seed/soil contact for early, uniform germination and emergence. A herringbone pattern helps prevent soil erosion.

Like the MF 376, the MF377 field harrow/packer can also be equipped with a spray attachment package to provide uniform application and incorporation of pre-emerge herbicides and insecticides.

The new MF 377 field harrow/packer is a cart-mounted, three-section toolbar with narrow coil spring tooth harrow gangs and helical packer units. It is available in 40, 50, 60 and 70-foot widths. Harrow and packer gangs are independently suspended from the toolbar for uniform tillage and packing.



Massey-Ferguson has introduced the MF 376 field harrow as part of its new "family" of field harrows and packers. The MF 376 is a cart-mounted toolbar with narrow, coil tooth harrow gangs, designed for pulling directly behind the tractor. It is available in 50, 60, 70 or 80-foot widths.

McKenna joins Sire Power

TUNKHANNOCK — Patricia "Tricia" McKenna, Corona, N.Y. is named to a newly created staff position as Coordinator of Technical Training for Sire Power, according to Dr. Richard Lenz, Director of Production and Research.

McKenna's primary responsibility will be conducting a retraining program for the technician force and eventually working with owner-inseminators with the x-ray technique. This x-ray technique is a new reproductive "tool" for improving breeding efficiency, and will work as a means of monitoring and improving inseminating techniques. Sire Power is the first bull stud to initiate this new program with the portable x-ray machine which was developed and studied at Penn State University.

She is a 1984 Spring Graduate of Cornell University, Ithaca, N.Y., with a Bachelor of Science Degree in Animal Science. While at Cornell, her main interests in related coursework dealt with dairy cattle reproduction and development, dairy herd management, artificial insemination, animal nutrition, and other subjects in agricultural reproductive physiology.

Patricia McKenna

At Cornell, she worked as a research assistant in the animal breeding department. The major emphasis was on semen collection and evaluation. During the summer of 1981, she was employed as herd manager for a 300 head purebred sheep farm in Newark, NY. She was a member of the Dairy Science Club at Cornell and a member of the New York Holstein Association.

McKenna enjoys working with farmers and the agriculture industry, and looks forward to working with this x-ray technique to aid farmers in a successful reproductive management program. She resides in the Tunkhannock area.

NEED MORE ROOM? Read The Classified .../ Real Estate Ads

Round tumble mixer cited

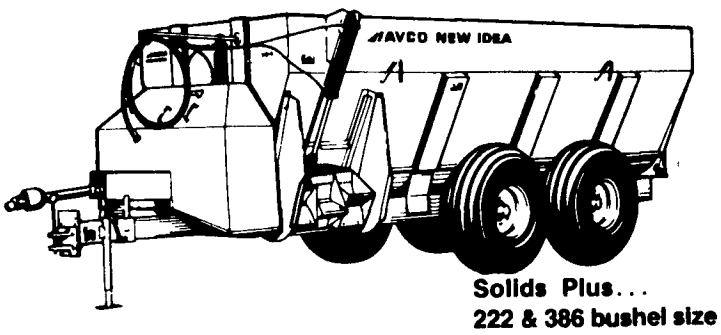
The Schuler Mfg. Round Tumble Mixer, Model RM-66, has a number of advantages over auger only mixers, according to Todd Equipment Co., distributors, of Hagerstown, Md. and Chesapeake, Va. Among the features of the RM-66 is more thorough mixing action, a simple drive with only two belts and two chains, a stainless steel drum and a large 12-inch internal unloading auger.

HERE IS A "NEW IDEA" IN A WIDE-SPREAD

The **"Solids Plus"** spreaders from New Idea are named for their ability to shred and spread a wide range of material consistencies. The spread pattern is up to 50 feet wide!

These versatile machines have no chain conveyor to freeze or break down. A positive flow paddle-auger moves material to the high speed beater for accurate, high-capacity spreading.

You must see it operate to appreciate the Solids Plus from New Idea.



Solids Plus...
222 & 386 bushel size

Strong on Value!

AVCO® NEW IDEA

VISIT OUR BOOTH AT AG PROGRESS DAYS AUGUST 21, 22 and 23

— SEE YOUR AVCO NEW IDEA DEALER TODAY —

PENNSYLVANIA

Airville
FARMERS EQ. & SUPPLY CO., INC.
717-862 3967 or 3968

Bechtelsville
MILLER EQUIPMENT
215-845-2911

Bethel
ZIMMERMAN'S FARM SERVICE
717-933-4114

Canton
WYNNE'S GARAGE
717 673-8456

Carlisle
ERNEST SHOVER FARM EQUIPMENT
19 West South St
717 249-2239

Cochranville
STOLTZFUS FARM SERVICE
215-593 2407

Cresson
HINES EQUIPMENT
814 886 4183

Bellwood
814-742 8171

Dover
GEORGE N. GROSS, INC.
717-292-1673

Ephrata
ROY H. BUCH, INC.
RD2
717-859-2441

Gettysburg
YINGLING'S IMPLEMENTS
717 359-4848

Greencastle
MEYERS IMPLEMENTS, INC.
717-597-2176

Hamburg
SHARTLESVILLE FARM SERVICE
RD1
215-488-1025
H. Daniel Wenger, Prop.

Honesdale
MARSHALL MACHINERY
717 729-7117

Jersey Shore
THOMAS L. DUNLAP
717-398-1391

Jerseytown
WILLIAM F. WELLIVER
717-437 2430

Jonestown
HEISEY FARM EQUIP , INC
RD 1
717-865 4526

Klingerstown
STANLEY'S FARM SERVICE
717-648-2088

Lancaster
LANDIS BROS. INC.
717-291 1046

Lebanon (Fontana)
UMBERGER'S OF FONTANA
RD 4
717 867 5161

Mahaffey
HUTTON FARM EQUIPMENT
814-277 5504

Manheim
N.G. HERSHEY AND SON
717-665 2271

Manatawny
N H. FLICKER & SONS, INC
215 683 7252

Mill Hall
DUNKLE AND GRIEB
717 726 3115

New Holland
A B.C. GROFF, INC
717 354 4191

Oakland Mills
PEOPLES SALES & SERVICE, INC.
717-463-2735

Quakertown
C.J. WONSIDLER BROS.
215 536-1935

Quarryville
A.L. HERR & BRO.
717 786-3521

Reynoldsville
McGARVEY EQUIP., INC.
814-653-9637

Spring Mills
C & P FULTZ EQUIPMENT
RD 1
814 422 8805

State College
R.T. MARKLE
1841 Pine Hall Drive
814 237 3141

Tunkhannock
ACE- JURISTA, INC
717 836 2610

MARYLAND

Churchville
WALTER G. COALE, INC.
301-734-7722

Frederick
KNOTT & GEISBERT, INC.
RD 2
301 662 3800

Hagerstown
ANTIETAM FORD TRACTOR
301-791-1200

Linboro
WERTZ GARAGE, INC.
301 374 2672

Rising Sun
BIGGS, INC.
301-658-5531

NEW JERSEY

Bridgeton
LESLIE FOGG INC
609 935 5145

Columbus
REED BROS EQUIPMENT
609 298 3441

Case reports repair plan

RACINE, Wi. — Owners of new Case 94 Series two- and four-wheel-drive agricultural tractors can now take advantage of the most comprehensive extended repair protection coverage available in the industry.

The Case Tailored Owner Protection System (TOPS) is an optional extended repair coverage program designed to supplement the basic Case 12-month or 1500-hour (whichever comes first) tractor warranty.

A major feature of the TOPS system is its adaptability to the customer's specific coverage requirements. TOPS participants may choose any of 16 program durations, from 12 to 48 months or 1500 to 4000 hours (whichever comes first). This flexibility is a major key to the low cost coverage, as farmers and ranchers do not bear the costs of undesired or unnecessary coverage.

TOPS coverage includes the entire tractor. The only items not covered by the program are standard maintenance items and components covered by other manufacturers (e.g. batteries, tires, etc.). There is a $200 deductible per repair order. All TOPS repairs take place at the originating dealership.

TOPS coverage is available to buyers of any 94 Series Tractor within 30 days of the purchase date. It may be included in the tractor financing package through Case Credit Corporation.

An exclusive Case feature, Assured Availability, guarantees a [illegible]ement tractor during high [illegible]months in those cases when repairs cannot be effected within 48 hours. This is included in both the basic Case warranty and the TOPS coverage.

If the tractor is re-sold, the unused portion of the TOPS coverage can be transferred to the new owner.

Headquartered in Racine, Wisconsin, J I Case is a worldwide manufactureer and marketer of agricultural and construction equipment. Case is an affiliate of Tenneco Inc.

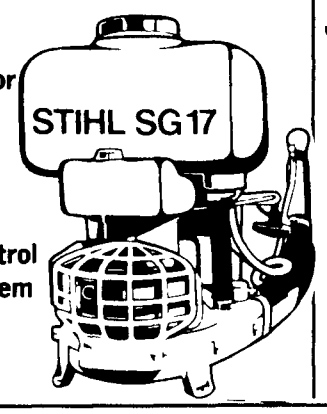
Agri-loan officer named

HARRISBURG, PA — Commonwealth National Bank announces the appointment of Timothy G. Henry, of Mountville, as an agri-loan officer in the bank's Agri-Loan Department. Henry's office is at Commonwealth National's Lancaster Region headquarters, 28 Penn Square, Lancaster.

Prior to joining Commonwealth National, Henry was a loan officer with West Central Farm Credit in Centre Hall.

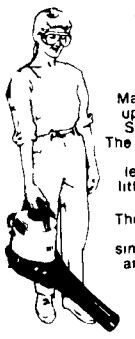
Henry is 1982 alumnus of Penn State, where he majored in dairy production, and he is a 1978 graduate of the Academy of the New Church, Bryn Athyn, Pa.

STIHL® MODEL SG-17 MISTBLOWER



★ Excellent For Blowing In Chicken Houses
★ Tobacco, Worm, And Sucker Control
★ Outlasts Them All

Take on Tough Jobs with a STIHL®



NEW! STIHL BG-60

Make outdoor clean up a breeze with the Stihl BG 60 Blower The gasoline powered airstream gathers leaves clippings or litter — no more rak ing or sweeping! The BG 60 runs up to 45 minutes on a single tank of fuel — and its light weight anti vibration and one hand opera tion make it easy to use Try one today

STOLTZFUS WOODWORK
RD Gap, PA Box 183
1 Mile North Rt 897 From Gap

A & B SALES & SERVICE
2 Miles South of Rt 23 Along 772
Thru Monterey RD 1 Ronks PA

WES STAUFFER SALES & SERVICE
RD 3 Ephrata
PA Phone (717) 738 4215
Ephrata Exit New Rt 222 ½ Mile West on Rt 322
Turn left onto Pleasant Valley Rd

GOOD'S STORE
At the Country Mart
RD2 East Earl
Route 23 Just East of Blue Ball
717 354 4026

STIHL®
THE WORLD'S LARGEST SELLING CHAIN SAW

THINKING ABOUT LIMING
THINK PROMESOL
Liquid Calcium

Every Living Plant needs Readily Available Elemental Calcium

Call 717-367-2667 or 717-285-4156

PARS
Rt. 1 Box 488
Elizabethtown, Pa. 17022

Visit Our Exhibit at the

Pa. Ag Progress Days - Aug. 21, 22, 23
Loc. West 5th St.

HOULE
WIC
US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local

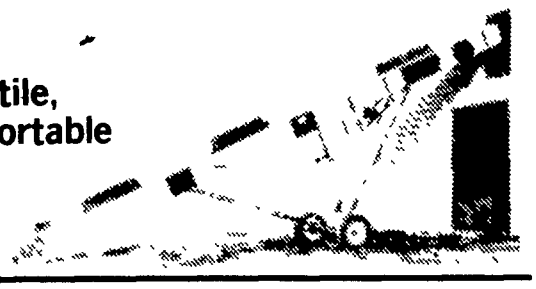
• Liquid Manure Pumps
• ELECTROMIX
• Barn Cleaner Chains
• Bedding Choppers
• Silage Carts
• Manure Tanks
• Free Stalls
• Self-Locking Panels
• Comfort Stalls
• Gutter Grates

Available From
PARY'S FARM EQUIPMENT
(717) 869-1464
Also See Ad On Pages B24 & 25

ZIMMERMAN MANUFACTURING CORP.
HOLLANDER RD, RD3
NEW HOLLAND, PA
17557
717-354-9611

AIR-O-MATIC VENTILATION SYSTEMS
Wall Fan with Hood and Cabinet

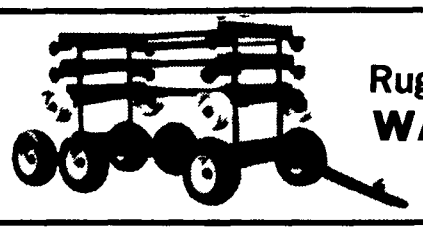
A Versatile, Economical Portable Elevator for Bales and Ear Corn



UTILITY TRAILERS

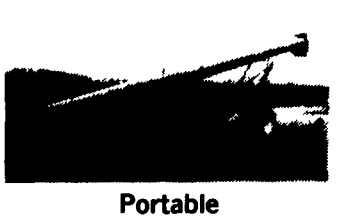
Gross Cap. 3,000 to 24,000 lbs.

Variety of Sizes Made to Order

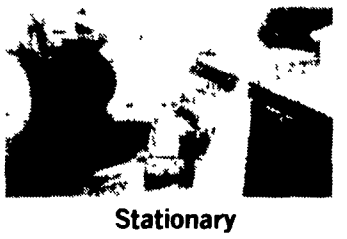


Rugged, Heavy Duty WAGON GEAR

ZIMMERMAN AUGER SYSTEMS
FOR EMPTYING MANURE PITS
Efficient, Economical and requires less Horsepower than most systems



Portable



Stationary

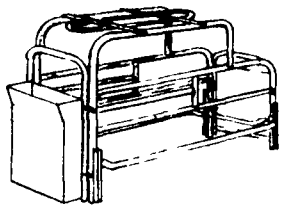
CALL FOR PRICES AND YOUR LOCAL DEALER

VISIT OUR DISPLAY AT AG PROGRESS DAYS
AUG. 21, 22, 23 - LOC. WEST 10th ST.

Are You Ready To Go Whole Hog?
Try Hershey's Hog Systems!

• Breeding • Gestation • Farrowing
• Nursery • Growing • Finishing

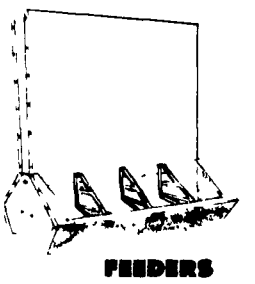
It takes a lot of planning, knowledge and experience to develop a profitable confinement operation. Hershey Equipment Co. will assist you in the planning and recommend the most efficient arrangement of equipment. This service we provide will blend the building and equipment together to form a practical, labor saving, economical hog system for top quality hogs.



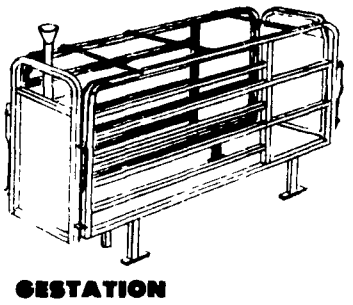
FARROWING

Farrowing Systems
are designed with both the sow and farmer in mind.

Nursery Systems
include pig rearing cages or penning equipment



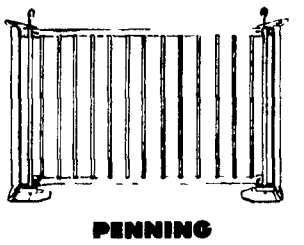
FEEDERS



GESTATION

Gestation Systems
reduce stress and the opportunity for fighting

Finishing Systems
are designed using top quality penning and feeders



PENNING

WE HAVE YOUR SYSTEM: • WE PRICE IT RIGHT • WE INSTALL IT RIGHT • WE BUILD IT RIGHT • WE SERVICE IT RIGHT

HERSHEY EQUIPMENT COMPANY, INC.

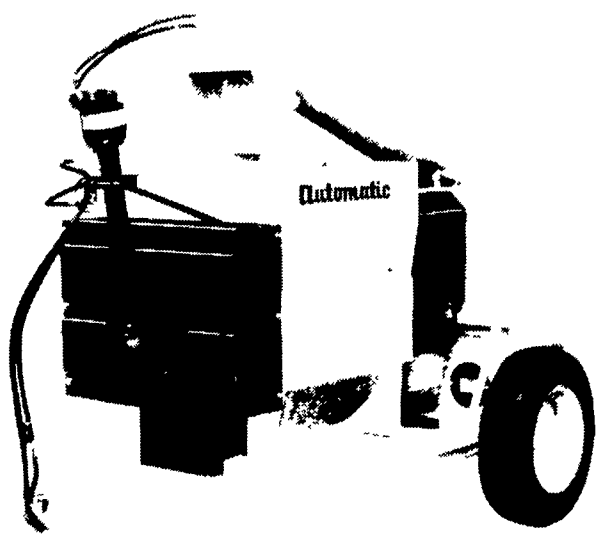
SYCAMORE IND PARK
255 PLANE TREE DRIVE
LANCASTER PA 17603
(717) 393 5807

Route 30 West at the Centerville Exit

DESIGNERS OF QUALITY SYSTEMS FOR POULTRY, SWINE & GRAIN HANDLING.

Roller mills are versatile

CHAMBERSBURG — Automatic's portable big volume grain roller mills can handle any assignment from large custom operations down to farm feedlots, according to Ryder Supply, Chambersburg.



Automatic's portable grain roller mills can handle tasks of varying types on the farm.

Units are available to process small grains, milo, shelled corn or corn and cob mix in capacities of 900, 1200, 1800, 2400 and 3600 bu./hr. The mills are available with 40-inch blower, as illustrated or with big 11-inch auger discharge. A 54-inch blower is also available.

All mills feature Automatic's one-fast-roll principle which gives greater capacity with less horsepower than single-speed mills...eliminates clogging and packing, even with high-moisture grain. Automatic is the world's largest manufacturer of farm type roller mills, according to Ryder Supply. They also manufacture a complete line of accessories and automation equipment.

For further details contact the manufacturer, Automatic Equipment Mfg. Co., Dept. NR, Pender, Nebraska 68047, or the distributor, Ryder Supply, Box 219, Chambersburg.

Export commission urged

WASHINGTON, D.C. — Establishment of a national commission on agricultural trade and export policy would be an important step toward developing a marketing plan for U.S. farm products, according to a spokesman for the fertilizer industry.

Gary D. Myers, president of The Fertilizer Institute, told the Senate Governmental Affairs Committee that his industry strongly supports creation of the proposed commission as a means of preserving and expanding U.S. grain exports.

"More effective methods must be found to reach foreign markets if a long-range solution to the economic plight of the American farmer and agribusiness is to be found," Myers said. "No matter what the shape for future domestic programs, we have got to be able to export our crops instead of building ever higher piles on the ground."

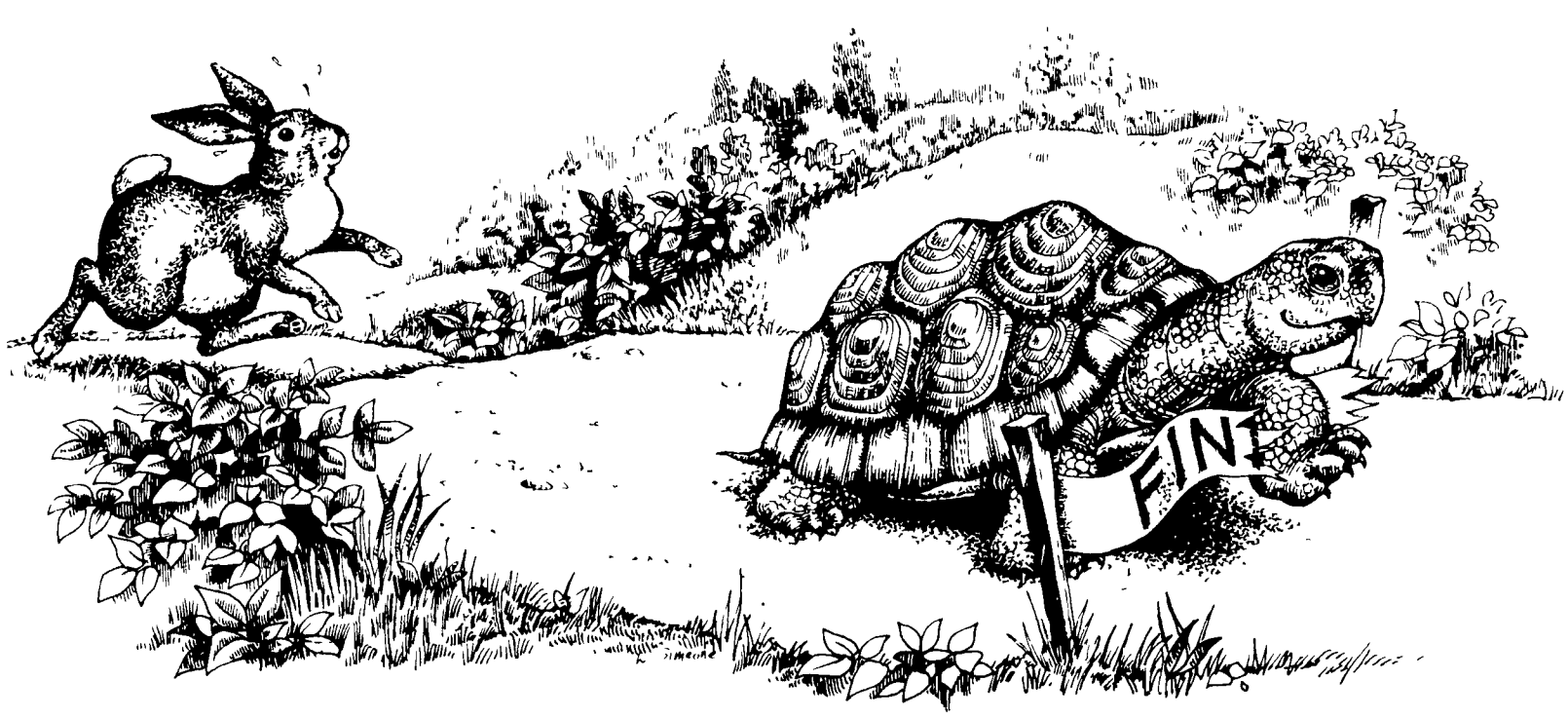
He added that a non-partisan commission could evaluate and make recommendations for improvements in federal agricultural policy which, he said, "is so badly needed if we are to restore the strength and vitality of our agricultural economy."

Myers cited his industry's support of the 1983 PIK (payment-in-kind) program as a "last-ditch attempt to ease crop surpluses," but said the loss to fertilizer businesses exceeded $2 billion.

That experience, he added, moved The Fertilizer Institute into the farm policy debate for the first time in the organization's 100-year history.

The proposed national study commission would be composed of 35 members – 20 to be chosen from the private sector, 12 from the Congress, and three from the executive branch. The secretary of agriculture would provide some resources, and private donations would be sought to fund an independent staff.

WHEN IT COMES TO MONEY, PRUDENCE PAYS.



We could leap on every new idea that comes down the pike We could enter the race for "new" and "never before," but we believe in prudence So first we analyze each new idea Then we make sure that the new idea is not only what you want—but what will work For you

Take Certificates of Deposit Highest interest on savings is great, but not everyone can afford to lock in money year upon year, so we have terms from six months to ten years* And not everyone can afford $2,500, so we have minimums as low as $500 *That* works for you

Take Money Market Deposit Accounts A great new way to earn higher interest, but *our* way is to give ready access to your money plus checking-with-interest. *That* works for you.

And NOW Accounts We looked at them carefully and liked what we saw, but we thought something more should be added So *our* NOW Account—our checking-with-interest—has no minimum balance, no monthly service charge *That* works for you

Working for you Prudently Perhaps that's why our customers are winning the race And that's why they keep coming back

Member FSLIC Accounts insured up to $100 000 *Federal regulations require an interest penalty for early withdrawal

New Home First Federal

divisions of PennSavingsBank

New Home Division: Main Office—Penn Ave and Park Road Wyomissing 215 376 6151 · Ephrata 717 733-9621 · Fruitville Pike Lancaster 717 569 6491

First Federal Division: Main Office—East King St Lancaster 717 393-0601 · New Holland 717 354 4427 · Park City Center Lancaster 717 299 3745 Lititz 717-626 0251 · Millersville 717 872 4665 · Quarryville 717 786-1010 · Mt Joy 717 653 8121 East Towne Mall Lancaster 717 393-0488 · East Petersburg 717 569 5793

FARMMASTER

Low Maintenance You Won't Be A Fixer with a

FARMMASTER MIXER

See Us At AG Progress Days West 11th

717-354-6235

EXPERT REPAIRS

PARMAK

FENCERS

• GENERATORS
• STARTERS
• ALTERNATORS

PEQUEA BATTERIES

Ronks, PA

SOLO JETPAK-425

SOLO'S JETPAK 425 provides professional application of insecticides, fungicides, pesticides, and herbicides in garden, orchard, greenhouse, or nursery Optional, interchangeable nozzles give JETPAK-425 real versatility This lightweight, rugged sprayer is made of high-impact, inert plastic

- 4-gal see-through tank
- Weighs only 9 5 lb
- Large-displacement piston pump maintains continuous pressure with little effort
- Padded, adjustable leather carrying straps
- Optional free-spraying tube, spray drift guard, pressure gauge/limiting valve

Lancaster County's Only Dealers Specializing In Sprayer Sales & Service

LESTER A. SINGER

Ronks, PA

Ph. (717) 687-6712

Mon.-Fri 8 to 5, Sat. By Appt. - Dealer Inquiries Invited

Better days ahead seen

QUEBEC CITY - American farmers and livestock producers can look forward to a brighter economic climate than they've experienced in the last five years, according to W.M. "Dub" Jones, chairman of the Agri Products Group at Ralston Purina Company.

Speaking to the Canadian Feed Manufacturers Association's annual convention here recently, the outgoing president of the American Feed Manufacturers Association pointed to increased net farm income, higher livestock prices and continued growth in U.S. and world economies as clear indications of a more profitable and productive 1984-85. Declining feed costs for the coming farm year and modest increases in farm assets and farm incomes further indicate a brighter picture. "Most certainly, the 1980s will end on a much stronger note than they began," Jones predicted.

But, Jones noted, the driving force behind this brighter economic picture is the new breed of farmers emerging in the second half of the decade. "These farmers are more discriminating, more technology-oriented than ever before. And they're demanding products and services which translate to a maximum return on the bottom line," Jones asserted.

Increasing competition for the consumer's dollar, he suggested, will intensify competition between foods, especially animal protein sources. "Productivity gains and cost reductions which can be passed on to the consumer will take on greater significance as competition for the consumer's dollar intensifies," Jones explained. "With the trend to feeder specialization continuing, feeders and feed suppliers will require greater knowledge of production as well as marketing, purchasing, finance and overall business management capabilities," he said.

Pointing to ongoing feed industry investments in formulation and manufacturing research, Jones pledged the industry's increased support of American agriculture. "The feed industry must become more involved in all areas affecting production agriculture in order to meet the increasing demands of a more sophisticated American farmer," he suggested. "The second half of the 1980s will see feed manufacturers adapt to change and grow - or resist and decline," he concluded.

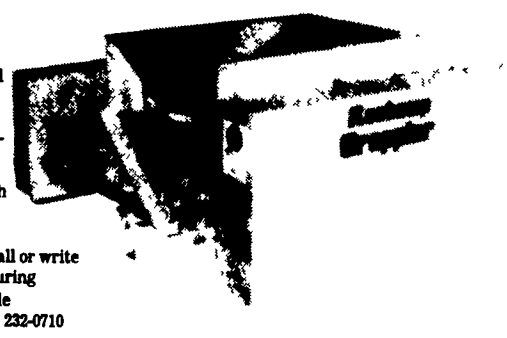
Keller gets Kubota award

Dave Keller, center, Sales Representative, Keller Bros. Tractor Co., receives plaque for achievement as top Kubota salesman in Pennsylvania for 1983. Flanking Keller are Ben Heister, left, Kubota's Northern Division Parts Manager, of Columbus, Ohio; and Tony Trotter, Regional Sales Manager for Kubota.

Put A Winner In Your Stable With Roskamp

Crimp Oats - Crack Corn with a Roskamp Roller Mill

Rolled grain can help get your horse show ready. Rolled grain goes about one-third further than whole grain. Your horse deserves the best - give it to them with a Roskamp Roller Mill.



For further information call or write
Roskamp Manufacturing
2975 Airline Circle
Waterloo, IA 50703 (319) 232-0710

Roller Mills For Any Purpose - See Page E38 •

Use our dollars to make your home a nicer place to live.

ANOTHER BEDROOM
BUILD A FIREPLACE
HEATING COOLING
PATIO CARPET
PAINT POOL
DEN TREES
WALKS STEREO

Use our dollars with the equity in your house for your next home improvement project If you re thinking of storm windows or a new addition or whatever come see us We ve got the FIXED RATE LOAN to get the job done

AN EQUAL OPPORTUNITY LENDER AND EQUAL HOUSING LENDER

New Holland Farmers National Bank

OFFICES IN NEW HOLLAND SMOKETOWN INTERCOURSE AND EDEN RD LANCASTER MEMBER FDIC

SAVE COWS, TIME & BEDDING

COW MATS

Use our unique method of installing a one piece mat under a row of cows. Prevents movement of mat and bedding from creeping underneath. All "row" and single mats are cut from heavy one inch rubber belting.

Flat belts shipped same day as order

SAVE 40% on New Replacement Belts For Farm Machines

- Bale Thrower Belts $52.00
- Grove-Gehl-Int.-S.U. Wagon Box Belts $98 to $120

Also Available: Bean Picker Belts & Big Round Baler Belts

Any flat belt can be custom made for your farm machinery (cleats installed). Belts shipped same day by UPS.

For more information, write:

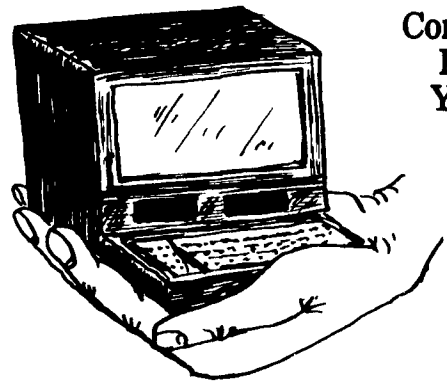
Bob Gabel
Rt. 16. Chaffee, New York
Phone Collect: 716-496-6025

Stop By Our Exhibit At AG PROGRESS DAYS
Located At The Frey Bros. Exhibit On West 1st St.

HELPING HAND COMPUTER SERVICES

More Efficient Management Through Computerization

One Farmer Extending A "HELPING HAND" to Other Farmers.



Conrad D. Weiser
RD 1 Box 139
York Springs, Pa. 17372
717-528-8655

Specializing in Farm Application Software:

Accounting, Dairy, Beef, Swine, Least Cost Rations, Breakeven Analysis, Financial Management

Hardware Consultant/Data Processing Service

Dealer: **Grassroots America —**
A Videotex Database for Farmers

See Me at the Grassroots America booth during Ag Progress Days

Detasseling is key to hybrid seed corn production

DEKALB, IL. — Each summer thousands of teenagers invade seed corn fields to perform the all-important task of detasseling for Dekalb-Pfizer Genetics. Their hard work lasts only a few weeks, from about mid-July to the first week in August.

Much like the infamous postal carrier who is undaunted by rain, heat or mud, these 13 through 16-year-olds must endure the elements to finish their task on time.

Detasseling is the single most important operation in the production of hybrid seed corn, says Charles Lindhart, Vice President of Operations for Dekalb-Pfizer. Those seed fields are where the final cross is achieved, where hybrid seed is created for farmers to plant the next year.

Detasseling crews scour hybrid seed corn production fields for remaining corn tassels.

This year Dekalb-Pfizer will employ approximately 14,000 detasselers at 13 locations in seven states to produce more than 100,000 acres of seed corn. At the end of the short detasseling season, more than 1.5 million man hours will have been expended, Lindhart says.

Detasseling and roguing represent the first phase in a Quality Assurance program found in Dekalb-Pfizer Genetics seed production plants. "We have very strict standards in our production fields," says Lindhart.

Before detasseling begins, each field is scoured to find any rogues. A rogue is a plant that does not have the same characteristics as the parent lines being used to make a specific cross. Rogues usually are taller and have a different stalk and leaf than the other plants. Tough purity standards employed by the Foundation (parent) Seed Department eliminate most rogues before the seed is planted.

One tassel left on a female parent corn plant produces pollen that can pollinate other female plants, resulting in undesirable hybrid seed, Lindhart explains. "That's why detasseling is so important."

Generally, two rows of a male parent are planted next to six rows of a female parent plant. Border rows are planted if necessary so surrounding fields won't contaminate the area. "The males are planted at varying times, depending on the hybrid being produced to ensure proper timing of pollination," Lindhart states. Since corn plants tassel within three days after the last leaf has opened, timing of detasseling is critical.

In Dekalb-Pfizer production fields, the detasseling process begins with a machine that cuts off about half of the tassel. "We want to save as many leaves as possible, because fewer leaves mean less yield," Lindhart notes.

Within 40 days after the detasseling machine has passed through the field, a roller-puller machine gets 60 percent to 90 percent of the remaining tassel during a second sweep.

After the two machines have passed through the corn, detasseling crews clean up any remaining tassels. Normally, Dekalb-Pfizer detasseling crews consist of 12 members, plus a crew leader. About half of the detasselers ride machines through the field while the other members walk.

"When detasselers walk the field, six crew members take one row each, and checkers follow behind them to spot any tassels they may have missed," Lindhart says. "Detasseling crews may go through the field two or three times, depending on the field inspector's report of how clean the field is and amount of late tasseling."

Field inspectors are employed for the specific purpose of ensuring top-quality hybrid seed. They determine if there are fewer than 0.2 percent tassels remaining in the field. "These strict standards ensure that our hybrid seed corn is of the highest quality possible," Lindhart adds. Other steps are taken at harvest and winter growouts to further ensure only pure seed is bagged and shipped to more than 8,000 DEKALB-PFIZER GENETICS dealers nationwide.

"The importance of detasseling in seed production is a top priority in our Quality Assurance program," Lindhart concludes.

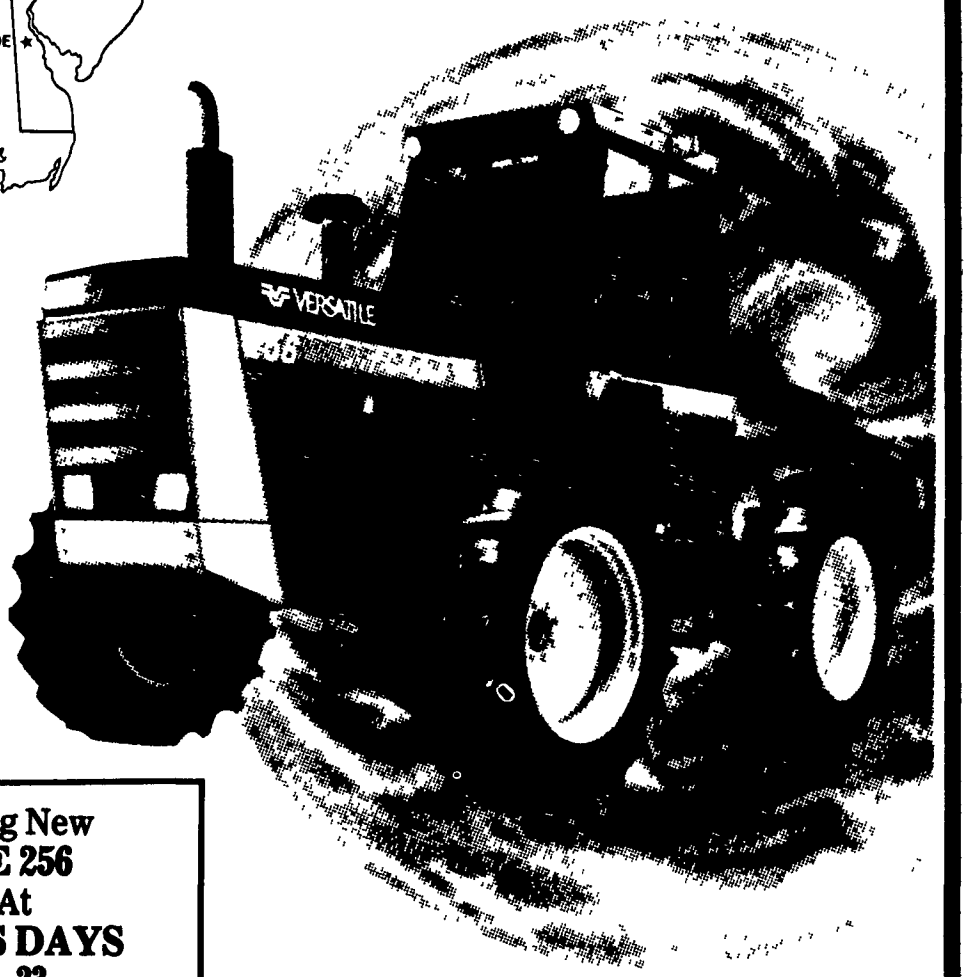
VERSATILE

4-WHEEL DRIVE TRACTOR HEADQUARTERS

INTERCOURSE, PA

MIDDLETOWN, DE

Versatility Is Here



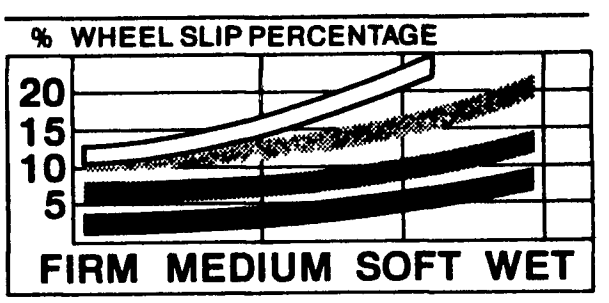
The new 84 pto horsepower VERSATILE 256. Powered by Cummins, featuring full four wheel drive with the power and traction to meet any field challenge head on, it leaves the competition spinning their wheels in comparison. A heavy duty transmission and bidirectional design for unlimited adaptability. And famous Versatile quality and value.

See The Exciting New VERSATILE 256 On Display At AG PROGRESS DAYS August 21, 22, 23 Located on West 2nd Street

SOIL CONDITIONS

2 WD W/SINGLES | 2 WD W/DUALS | W/M FWD | 4 WD-4 EQUAL SIZE TIRES

Versatile 4WD outperforms 2WD and MFWD every time! Results vary with soil types and soil conditions.



ALL NEW AND USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

YOU CAN AFFORD A VERSATILE

C. B. HOOBER & SON, INC. INTERCOURSE, PA 717-768-8231

HOOBER EQUIPMENT, INC. MIDDLETOWN, DE (302) 378-9555

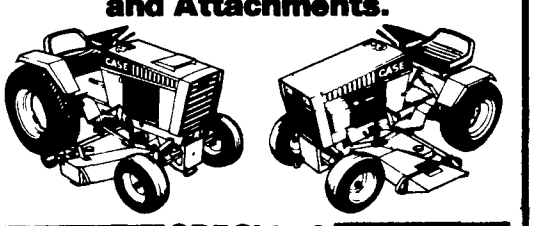
CASE

BUILT means QUALITY

9.8%

A.P.R. Financing Available (Dealer participation required)

On All Case Garden Tractors and Attachments.



SPECIALS

MODEL 448 — 18 h.p. Twin Onan engine, High drive, Hydraulic lift, List $5176, SALE $3999, 1 Only

MODEL 222 — 12 h.p. Kohler engine, High drive, List $3878, SALE $2999, 1 Only

PRICES INCLUDE MOWER

"SERVICE IS OUR MOTTO"

LAWN CARE OF PA.

SALES & SERVICE

1 Mi. No. of Martindale on Grist Mill Rd. Martindale, PA 17549

Mon., Thurs., Fri. 8-8 Tues., Wed. 8-5:30 Sat. 8-2

(215) 445-4541

"A little out of the way but a lot less to pay"

Ford holds finance seminar

TROY, Mich. — Ford Tractor Operations continued its popular series of farm finance seminars — "Farm Finance: The Cash Flow Crunch" — in connection with a women's program at the American Soybean Association convention in Tulsa, Okla., Aug. 3-7.

"Women are involved in family farming more than ever before, and farm finance is one of their prime responsibilities," said John N. Churchman, marketing manager of Ford Tractor's North American Sales Operations. "This special seminar recognizes the key role women play in farm finances. It is based on previous meetings with farm women, primarily input from members of our Agricultural Women's Council.

"The council members emphasized to us that more and more women are responsible for such farm finance functions as bookkeeping, maintaining records, paying bills, preparing tax forms, and that they have a strong influence on major purchasing decisions."

Mr. Churchman pointed out that Ford Tractor's main objective in offering a seminar in farm equipment financing is to respond to the needs of farmers by providing informational programs to help them cope with today's economic pressures.

Richard A. Brock, an agricultural economist at Brock Associates, Milwaukee, Wis., discussed the "Economic Outlook for Farmers Through 1988" at the Aug. 3 seminar. He covered the future challenges and opportunities of agriculture financing, including financial statements, the pace of inflation and future markets for crops and livestock.

Another seminar speaker, Leslie W. Peterson, president of Farmers State Bank, Trimont, Minn., described some of the things a bank looks for in a farm family and will elaborate on how a husband, wife and other family members can build a better realtionship with farm lenders. He focused on the financial information a bank requires from a farmer to prepare a loan, and how a lender can use this information to assist the farmer with his management and marketing plans.

Russell E. Mueller, Ford Tractor's North American marketing plans manager, told how farm women can stretch their equipment financing dollar. He concentrated on the "how-to's," comparing financing alternatives, explaining financing terms, and suggesting things purchasers should consider in evaluating their financing options.

"Our seminar examined a number of key financial considerations which would apply whether the equipment purchaser is paying cash, buying on time, leasing or renting," Mueller said. "The buyer should always think in terms of total acquisition costs — the equipment plus all financing costs. The buyer should consider the impact of the initial payment, the amount and timing of the periodic payment and the tax consequences when comparing financing alternatives."

Ford Tractor provided each woman at the seminar with a packet containing helpful information on financing, leasing, alternative analysis and more.

Ford Tractor plans to sponsor an additional farm finance seminar at the national convention of American Agri-Women in Peoria, Ill., Nov. 13-16.

See Our Display At:

PA. AG PROGRESS DAYS

Located On West 4th Street

FEATURING:

- CHORE-TIME COW FEEDING SYSTEMS
- CHORE-TIME POULTRY & LIVESTOCK SYSTEMS
- SHENANDOAH POULTRY & LIVESTOCK EQUIPMENT
- AGRI-STYLE HOG CONFINEMENT EQUIPMENT
- HOSKINS HEATED CATTLE & HOG WATERERS
- SBM INFRARED BROODERS

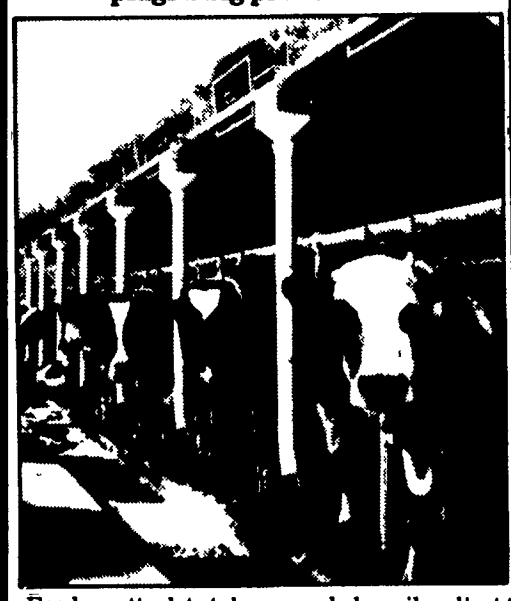
CHORE-TIME®

HAS THE ONLY FLEX-AUGER FOR HIGH MOISTURE CORN

GENUINE FLEX-AUGER SWINE, DAIRY & POULTRY FEED DELIVERY SYSTEM

- 5 Models To Choose From
- 10-Year Warranty On Coreless Auger

FLEX-AUGER® cow feeding plugs 2 big profit leaks



Feeders attach to tube as needed, easily adjust to feed what you want each cow to get. They fill automatically after each feeding.

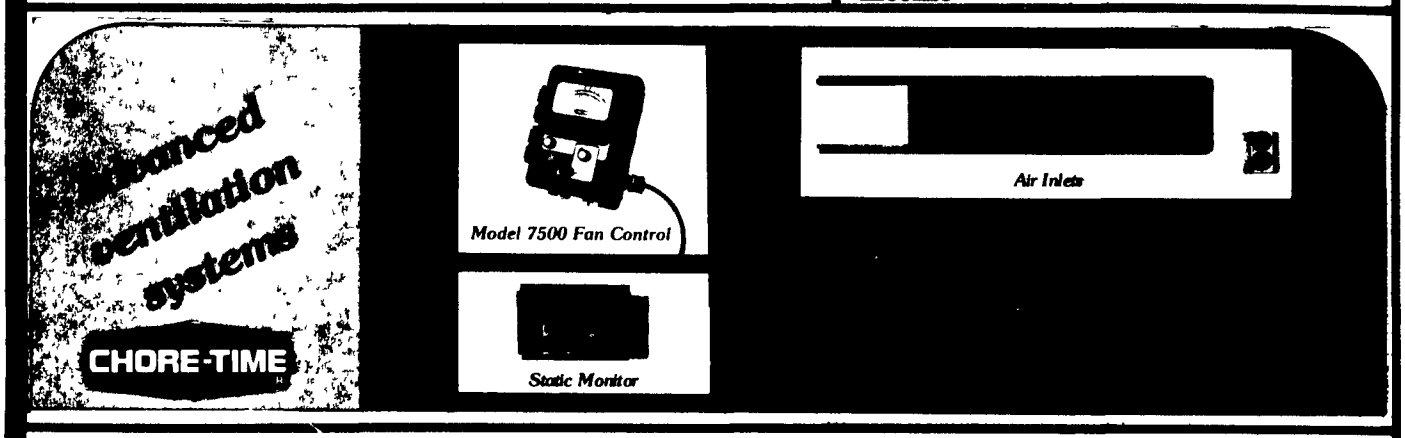
Put Chore-Time FLEX-AUGER® Cow Feeding System to work boosting your income

Completely Galvanized Weather-proof Bins SUPER FEEDING Starts with The Bin

MEAL-TIME™

The programmed feeding system that cuts your No. 1 production cost

Now there's a way you can boost profits 20% or more. Chore-Time's unique new MEAL-TIME Feeding System feeds your hogs "meals", improving feed conversion 5% or more. See us today and find out how you can profit from this brand new idea.



COMPLETE SYSTEMS, EQUIPMENT, SALES, INSTALLATION, SERVICE FOR CATTLE, HOG, POULTRY AND GRAIN

AGRI-EQUIPMENT, INC.

2754 CREEK HILL RD., LEOLA, PA 17540
(Lancaster County)
PHONE: 717-656-4151

Urea fears are unfounded

TUCSON, AR. — Feeding dairy cows non-protein nitrogen (NPN) as a substitute for soybean meal and other more costly protein supplements offers milk producers an excellent opportunity to improve income over feed costs, says J.T. Huber, professor of animal science at the University of Arizona.

"Feeding NPN," he explains, "can improve profit potentials by as much as $60 to more than $150 per cow annually."

However, many milk producers are reluctant to feed urea, ammonia or other NPN sources to lactating cows, Huber observes, fearing rations containing these substances could harm cows' reproductive efficiency and reduce milk production as well.

But these fears are unfounded, Huber points out, adding that they are actually myths shattered by results of recent experiments.

Huber cites, for example, a 5-year study of DHIA herds in Michigan which shows "absolutely no relationship between feeding urea and reproductive performance." In addition, he continues, the results of experiments conducted at three universities show no correlation between feeding NPN during early lactation and reproductive performance. In fact, he notes, "Cows fed NPN demonstrated a clear trend toward greater reproductive efficiency."

Moreover, a recent study at the University of Minnesota demonstrates that feeding cows a ration containing urea in the first 90 days of lactation does not affect a cow's milk production ability, Huber observes.

"The cows in this study were fed rations containing either soybean meal or urea," Huber explains. "The results indicate there was no difference between these two rations on a cow's milk production level."

And while there wasn't any difference in milk production, Huber points out, those fed urea showed a significant advantage when income over feed costs were calculated. "The cows fed urea recorded a 50 cent per-cow, per-day profit advantage over the cows fed soybean meal," he says. "Over a year, such a difference would translate into an annual profit advantage of more than $150 per cow."

Combined with the results of four other studies comparing urea and soybean meal rations, Huber says, all the data points toward the conclusion that NPN can profitably be incorporated into rations for dairy cows at all stages of lactation.

Tomek elected to post

ITHACA, N.Y. — William G. Tomek, professor of agricultural econimics at Cornell University, is the new president-elect of the American Agricultural Economics Association (AAEA), consisting of more than 4,700 members. Tomek will serve as president-elect until August 1985, and as president during 1985-86.

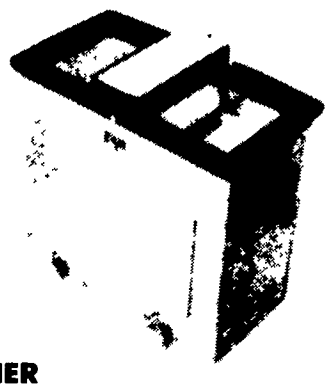
The election results were announced at the Association's annual national meeting, held this year at Cornell, Aug. 5-8. AAEA, which was first proposed at Cornell in 1909, is an organization of academic, government, and business economists interested in the economics of agriculture and natural resources.

A former editor of the AAEA journal, **American Journal of Agricultural Economics**, Tomek has been a faculty member in the New York State College of Agriculture and Life Sciences at Cornell since 1961. He teaches graduate courses in econometrics and agricultural market analysis. Nationally, Tomek is recognized as a scholar on futures markets and agricultural price analysis.

We Will Be Featuring The
AGRI-STYLE CONFINEMENT EQUIPMENT

HOT-DIPPED GALVANIZED
The most modern and efficient designed equipment at lower prices than the competitive brands.

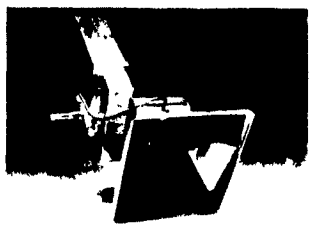
HOSKINS MFG.
HOSKINS NEBRASKA
BULLS EYE FOR QUALITY
Automatic
RED TOP
LIVESTOCK
WATERERS
Quality Doesnt Cost it Pays
RED TOP CATTLE & HOG WATERERS
RUB MOST HOG OILERS



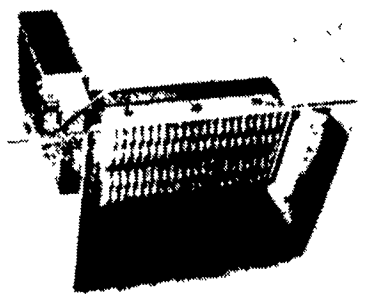
HC 14-26" HORSE & CATTLE WATERER
- 5 Gal. S.S. Tank
- 3/8" Brass Bob Valve
- Ideal For Fence Line Use
- 250 Watt Heat Unit

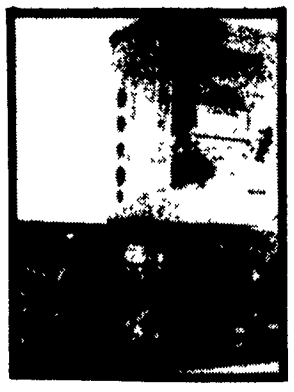
OTHER MODELS AVAILABLE

SBMD
INFRARED HEATING, INC.



Infrared L.P. Gas Brooders
6 models
From 2200 BTU to 14,000 BTU
AUTOMATIC CONTROL SYSTEM AVAILABLE



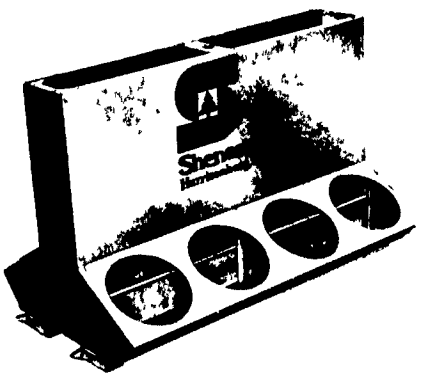


Sun Master™
(Auto Group Control Kit)

- **The new control panel displays room temperature constantly on a LCD panel allowing the operator to tell accurately at a glance what his room temperature is.**

Shenandoah FEEDERS

STAINLESS STEEL DINNERWARE FOR HOGS!



MODELS AVAILABLE
* 2 Hole
* 6 Hole
* 8 Hole
* 12 Hole

These new Shenandoah Stainless Steel Hog Feeders are designed for use in confinement. Although galvanized hog feeders won't last in confinement, due to corrosion and moisture as well as rough treatment from the hogs, Shenandoah Stainless Steel Feeders will stand up to the test. They are built to last and to resist corrosion. And they are easier to clean and disinfect.

Built for Agri-business, new, exclusive Agri-fan promises increased production, a healthier, more comfortable environment year 'round, and fast pay-back.
By continually circulating 24,000 cu. ft. of air per minute, Agri-fan equalizes room temperature and humidity. Floors stay drier. Winter fuel costs are reduced up to 30%, and in summer, uncomfortable stagnant air is prevented. Agri-fan is economical to operate - max. 1 amp. draw — and pays for itself in 1 to 2 years.
Agri-fan carries a five-year warranty and features: UL and CSA listing — heavy-duty construction — totally enclosed motor — aerodynamically designed blades — solid state infinite speed controls — no maintenance — easy installation.

REMEMBER
TO SEE US FOR YOUR BUILDING & EQUIPMENT NEEDS
HOG - DAIRY - POULTRY - GRAIN
We'll See You At AG PROGRESS DAYS
Loc: West 4th St.

COMPLETE SYSTEMS, EQUIPMENT, SALES, INSTALLATION, SERVICE FOR CATTLE, HOG, POULTRY AND GRAIN

AGRI-EQUIPMENT, INC.

2754 CREEK HILL RD., LEOLA, PA 17540
(Lancaster County)
PHONE: 717-656-4151

HOURS
Mon.-Fri. 7:30 to 4:30.
Sat. 7:30 to 11:30
(Parts Only)

Round hog houses are cleaned automatically

BY ROBIN PHILLIPS
Staff Correspondent

MERTZTOWN — There is usually an easier way to do something - basic premise that agriculture has grown on. In traveling to the Roy Rohrbach farm, R1 Mertztown, we found a building that exemplifies this fact while still maintaining the simplicity and cleanliness valued in today's industry.

Rohrbach raises pigs, about 1200 a year. With many neighbors very close by, he uses no large modern buildings yet raises his pigs without any visible manure buildup and none of the telltale odors. He utilizes round pig houses.

Housing 102 pigs per building, the round houses feature a self-cleaning, chain-driven mechanism in the center, and a water spray system for cooling the hogs. They come fully insulated and include a center vent and adjustable windows around the walls.

The Radial Arm buildings were first seen in a magazine by Roy's father, Wilson, who purchased the first building. They are built in Iowa and come shipped in prefabricated sections.

"We liked the style of the building and the idea that it was self-cleaning," the younger Rohrbach states. "We were looking at the convenience of it and the fact that there were no pits underneath," he added.

After his father bought the first building in 1980, Roy followed up with a second building in 1982. The building sits on a concrete pad with a four inch gutter along the inside edge. The radial arm on the inside of the building divides the circular pen in half and has a chain driven floor scraper on it. Twice a day, Rohrbach flips a switch and the floor is cleaned.

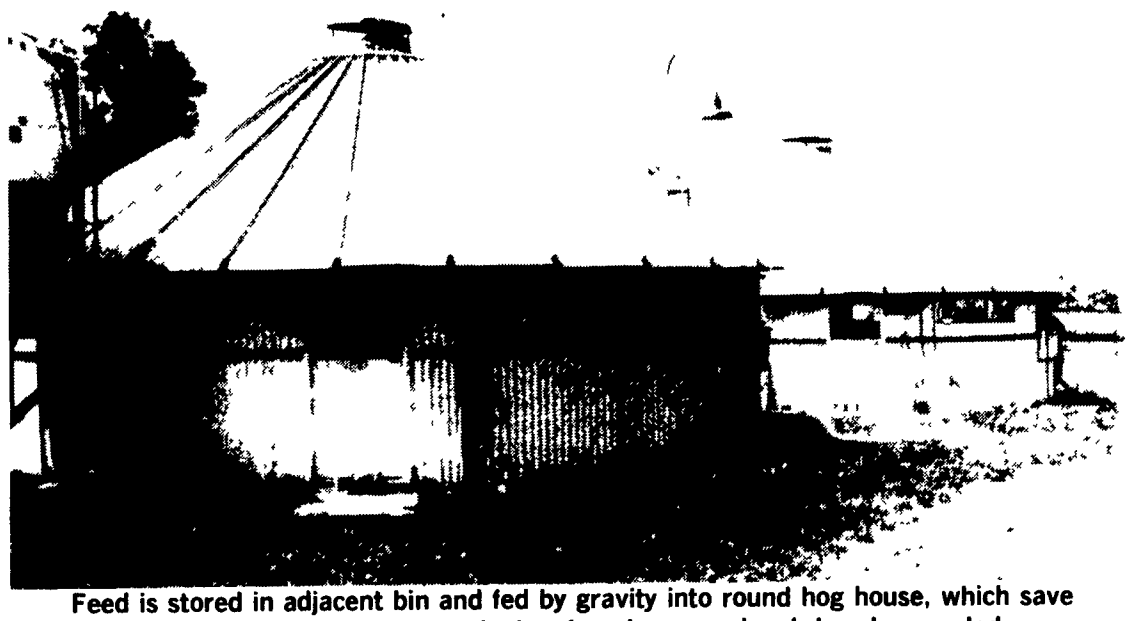
Manure is scraped into the outside gutter and flows into a nearby 10,000 gallon pit. A second pit of 20,000 gallons was installed for the second house that sits right next to this one. Rohrbach states that the only odors from the pits come when they are being emptied. They are agitated with a portable pump lowered down into them and then the manure is injected into the soil.

"I'm pleased with the building," Rohrbach states. Every four months, when pigs are sold, the house can be quickly cleaned by using a pressure washer on the smooth, white, inside walls. The house is also fully insulated and according to Rohrbach, can easily be kept at 60 to 65 degrees in the wintertime.

"Sick pigs I never was really bothered with," he adds.

There is a system inside the buildings that sprays the hogs with a fine mist of water to keep them cool. Rohrbach also installed a stainless steel feeder on the radial arm in the middle of the building to facilitate feeding. A bin on the outside of the building stores the feed and fills the feeder through an adjustable pipe through a window over the top of the pigs.

Buildings do not need to be entered and they are kept very clean with the automatic mechanism. The round housing has saved on space for the Rohrbachs and enables them to control the odors.

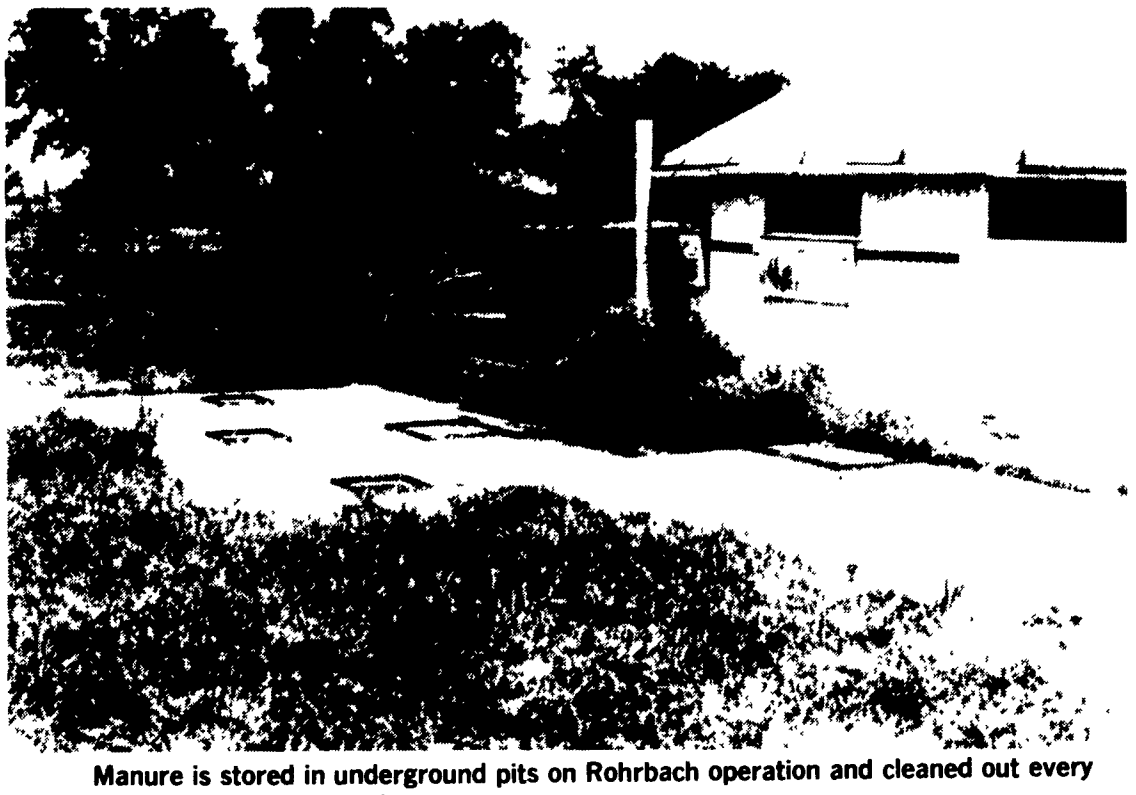


Feed is stored in adjacent bin and fed by gravity into round hog house, which save space on Rohrbach farm. Vent on peak of roof can be opened and closed as needed.

Although he only has two of these houses, additional hogs are raised with his dairy beef in converted stanchion barns. "I plan to run 100 head a month," Rohrbach states of his future goal for raising hogs.

Roy Rohrbach took over the farming operation when his father, Wilson, retired in 1981. Today, he crop farms 300 acres, including 102 acres of pumpkins contracted to Mrs. Smith's Pies, Pottstown. He also raises certified seed wheat. He raises much of his own feed used for the 50 to 60 head of dairy beef and utilizes round bales for easier feeding.

With much of his time spent in the field, Rohrbach credits his wife, Teresa, and children, Tammy, age 16, John, age 13, and Joseph, age 12, with helping with the feeding of the hogs, bull calves, and feeder animals.



Manure is stored in underground pits on Rohrbach operation and cleaned out every four months, eliminating odors.

Pigs on Rohrbach farm eat out of feeder installed on middle divider of house.

Roy Rohrbach demonstrates adjustable windows on round hog house, which can be completely removed in summer.

Round bales remaining outside on Rohrbach farm are covered with black plastic to reduce spoilage. Most are stored inside barn though.

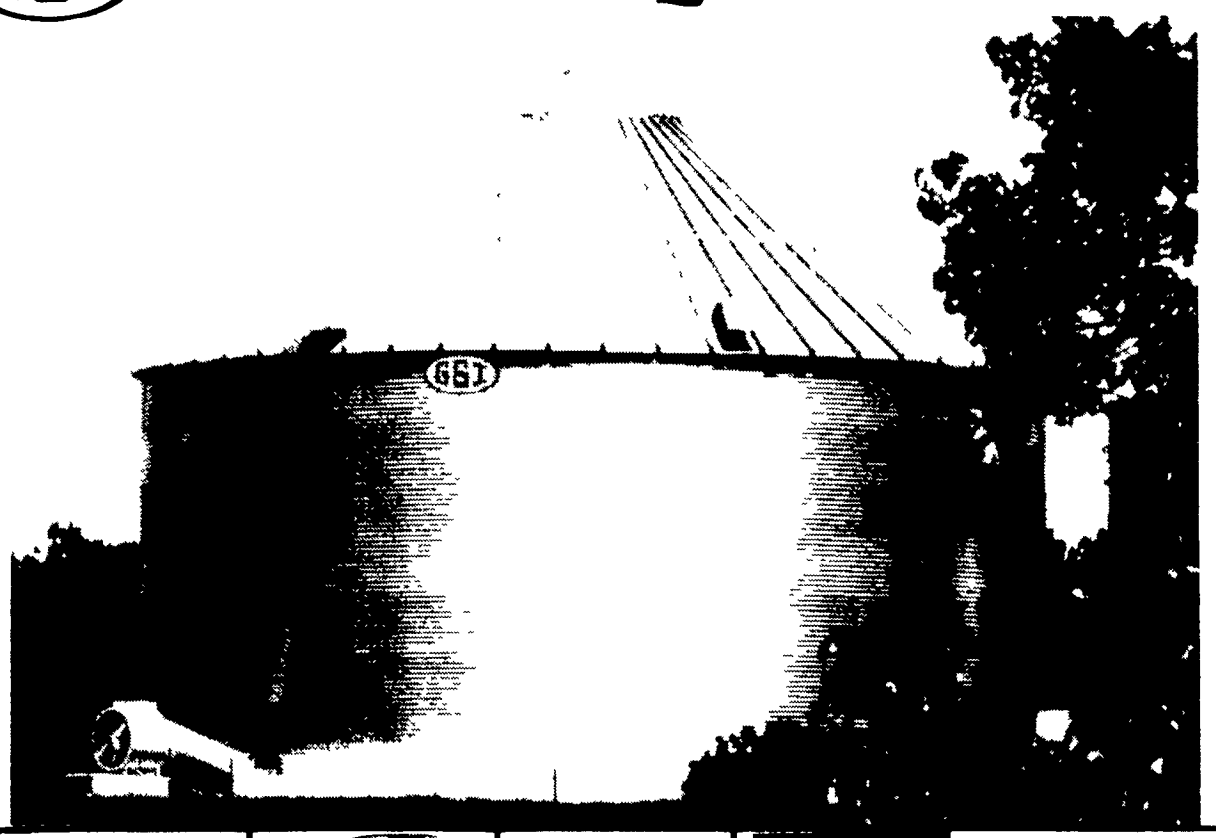
GRAIN BIN SALE at AG PROGRESS DAYS

August 21, 22, 23

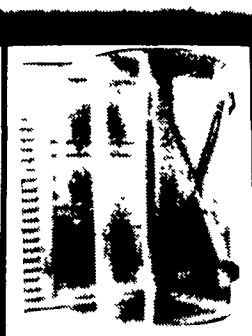
"BIG SAVINGS"

Located On West 5th Street

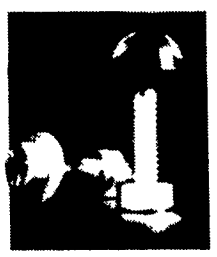
GSI THE KEY TO QUALITY IS GSI



Extruded Lip: Protects Against Roof Vent Leaks



Easy Access Walk-In-Door



Optional Polypropylene Coated Bolts

Aerodynamically Designed Transitions & Fans

Corrugated Hold Down & Flanged Ring

The Pacesetter Bin Stair

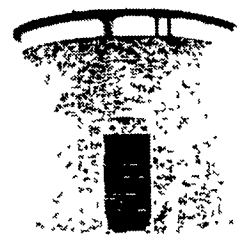
MJM Augers 4", 6" & 8"

w/intake guard - motor mount spout, pulley & belt

4"x11'	$108.95	6"x11'	$175.95
4"x16'	$132.95	6"x16'	$216.95
8"x11'	$279.95	8"x16'	$343.95

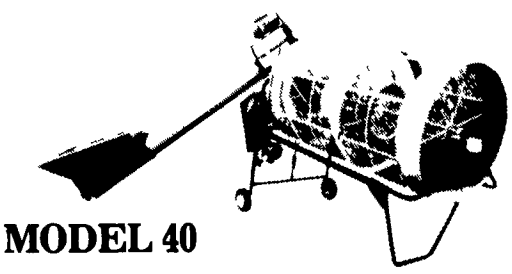
Extra Auger Extensions Available

SPEEDY CORNCRIBS



- Easy to erect
- Rods in lead of bolts on wire mesh

Sizes 900 Bushel to 1200 Bushel

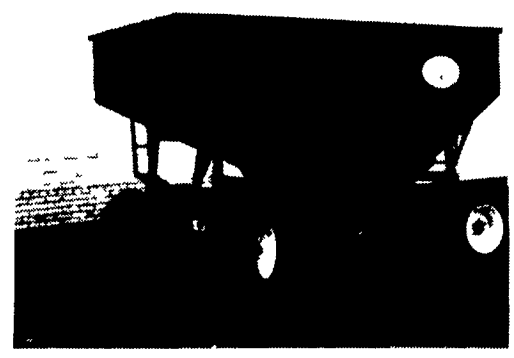


MODEL 40

Hi-CAP GRAIN CLEANERS

Have The Features From 700 to 3,000 BPH Capacity

KORY WAGON GEARS AND GRAIN BOXES

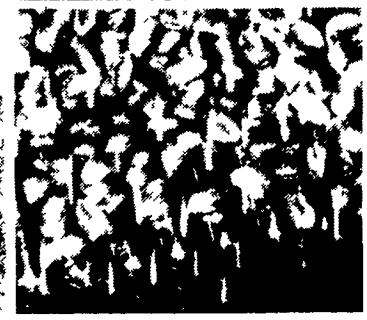


From 5 Ton To 12 Ton
From 180 Bushel To 330 Bushel

GSI Feed Bin

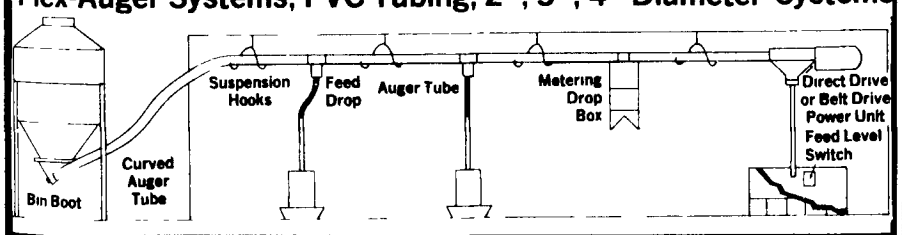
AIRSTREAM

AERATION and DRYING EQUIPMENT



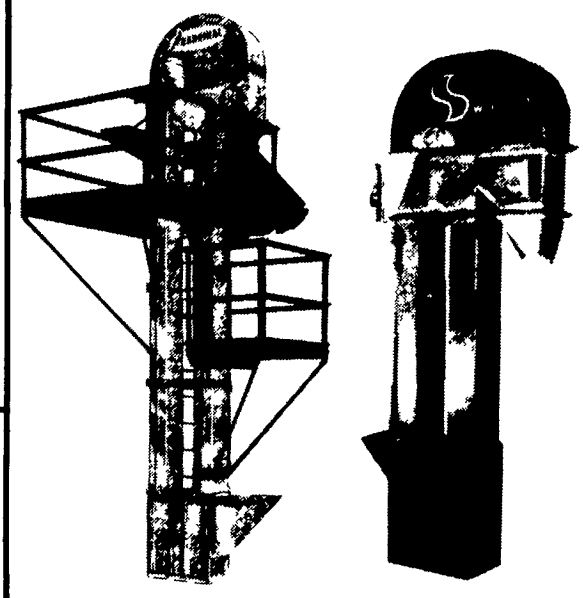
FLOORS & FANS

Flex-Auger Systems, PVC Tubing, 2", 3", 4" Diameter Systems



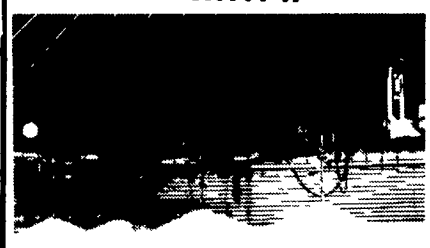
CARDINAL and SWEET

Galvanized Bucket Elevator



Sukup Stir-Up

STIRWAY II

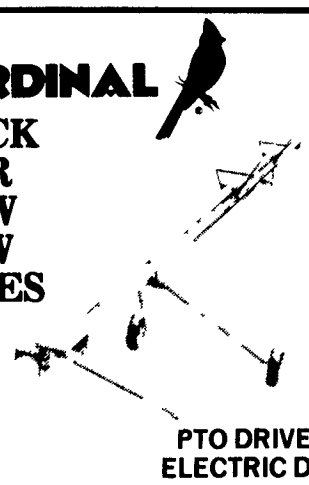


The High Capacity Stirring Machine

CARDINAL

CHECK OUR NEW LOW PRICES

U.S.A. Made



PTO DRIVE OR ELECTRIC DRIVE

NEW HEAVY DUTY GALVANIZED TOP DRIVE TRANSPORT AUGERS

Sizes Available: 8"x32', 8"x42', 8"x52', 8"x57', 8"x62', 8"x72'
Bushels Per Hour 2250

fi AUTO GRAIN DRYERS

★ FULL LINE PARTS DEPARTMENT ★ WE SELL, SERVICE & INSTALL

EMHERR EQUIPMENT, INC.

RD 1, Rt. 272 S., Herrville Rd., Willow Street, PA 17584
Phone 717-464-3321 or Toll Free: 800-732-0053 Serving the Industry For Over 20 Yrs.

Lab winner reported

INDIANA, Pa. — SAME & Lamborghini Tractors of North America has announced John Shedlock of Starford, Pa. as the regional winner of its unusual "Pick a Purebred" Sweepstakes. Shedlock is affiliated with Musser Forests, Inc., Indiana, PA.

Shedlock received his award, a pure-bred Labrador Retriever puppy from Harry Hull of Hulls Sales & Service, the SAME tractor dealer in this area.

The pup, a Lab with championship lineage, was bred at the nationally recognized Kresland Kennels of Victor, N.Y.

SAME Tractors, according to Claus Morch, President, chose these unusual prizes to emphasize the fact that, from the four wheel drive unit to the air-cooled diesel, the SAME tractor is a pure-bred!

Unlike the off-the-shelf components of all the American manufactures, the SAME tractor is completely designed and built by SAME itself. We do it all ourselves. The SAME tractor is a Farmer's tractor, "the purebred of the industry".

Left to right are John Shedlock, Starford, Pa., national winner of the SAME tractor "Pick-a-Purebred" Sweepstakes with Harry Hull of Hulls Sales & Service, Indiana, Pa. and Robert Hoffman, SAME area manager for Western Pennsylvania.

GIGANTIC SELECTION IN Lancaster Farming's CLASSIFIEDS

Farm Drainage doesn't cost... It pays!

It pays with
- Improved Land Use and Efficiency
- Better Soil Conservation
- Deeper Root Development
- Increased Crop Yield
- Longer Growing Seasons
- Improved Plant Quality
- Better Livestock Farming

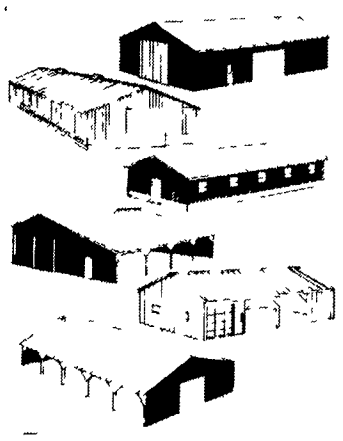
Our Machines Are Equipped With Laser Beam Control

COCALICO EQUIP. CO.
FARM DRAINAGE & EXCAVATING
RD #3, DENVER, PA 17517 PH: 215-267-3808
717-738-3794

PENNSYLVANIA CHAPTER LICA

INSULATION

Distributor For
R. MAX URETHANE
(4x8 or to your spec)
★ FIBERGLASS ROLLS
★ BLOWN IN



WHEELING CHANELDRAIN ROOFING & SIDING

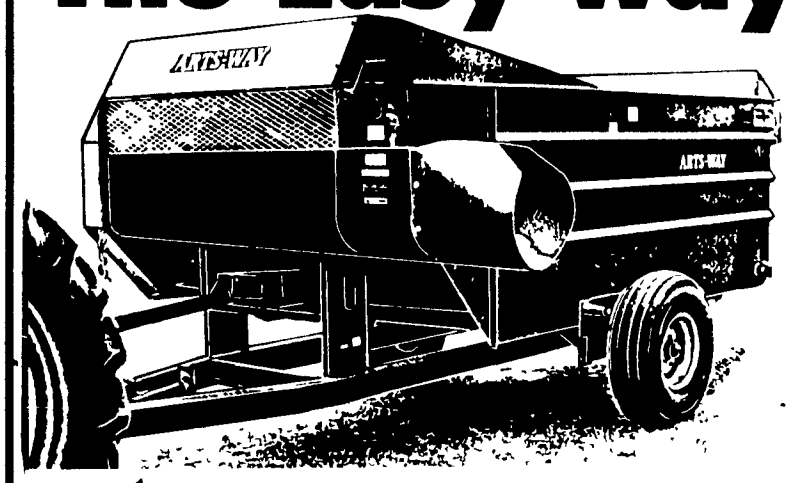
Colors In Stock
- White • Gold
- Brown • Tan
- Silo Blue • Red
- Avocado Green
- Plain Galvanized
- Light Green

NEW LINE of VINYL & ALUMINUM SIDING & ACCESSORIES
- Soffit
- Facia
- Coil

ETTERVILLE SALES
RD2, Box 267. East Earl, PA 17519
Call us for low prices -
(717) 354-7561

Distributor For
ALUMAX ALUMINUM ROOFING & SIDING
COMPLETE POLE & OTHER BUILDINGS
TRUSSES

Bunk Feeding The Easy Way



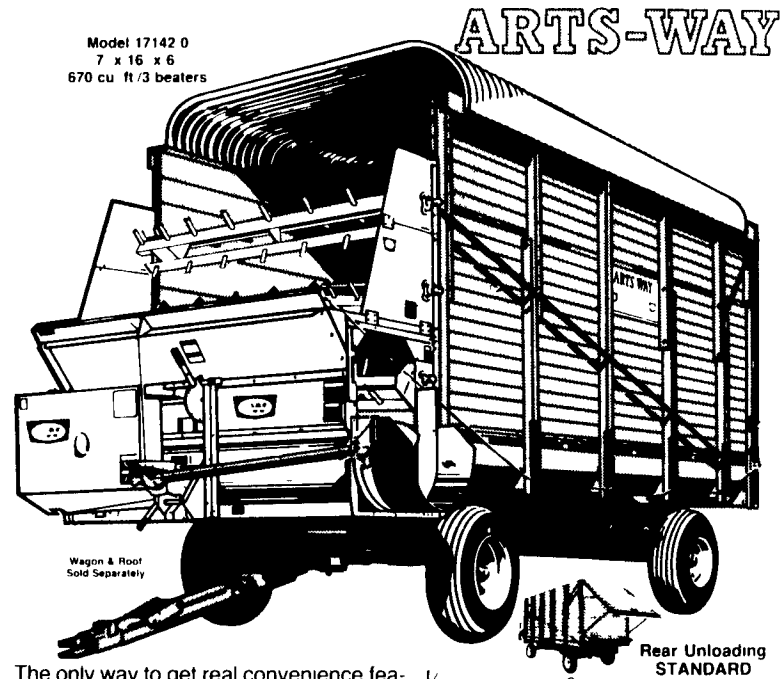
AW ARTS-WAY ACTION WITH TRADITION DDD

Feed-Way 155 TOTAL MIXED RATIONS

Which Box Gives You More Great Features as Standard Equipment?

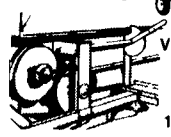
ARTS-WAY

Model 17142 0
7 x 16 x 6
670 cu ft /3 beaters



Wagon & Roof Sold Separately

Rear Unloading STANDARD



Variable Speed Unloading STANDARD

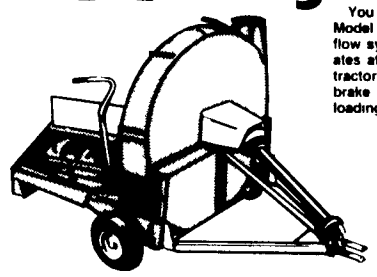
18 Cross Auger STANDARD

The only way to get real convenience features on most forage boxes is with extra-cost options But Arts-Way builds them in for you as standard equipment

Features like rear unloading Variable-speed unloading with a 4-chain bed conveyor A separate beater clutch And a smooth, worm-gear drive that eliminates surge Features that make this a one-man machine

PLUS 9 flexible front conveyor chute extension ■ Rugged wood box that stands up to rough field use better than all-steel boxes ■ 4-chain bed conveyor and more all STANDARD equipment

154 Forage Blower



You can move up to 120 tons of corn silage an hour with our Model 154 Forage Blower Its 54 fan and specially designed flow system keeps material moving evenly into the silo Operates at 540 rpm with optional heavy-duty PTO shaft for large tractors Big 12 inch auger has single-lever shutoff control with brake Angled hopper makes it easy for wagons to reach unloading position

SEE THE ARTS-WAY EXHIBIT AT AG PROGRESS DAYS LOC: EAST 1st STREET

CONTACT YOUR ARTS-WAY DEALER

ROME, PA
Histands Farm Centers
717-744-2371

AREA REPRESENTATIVE
DAVID D. DIETRICH
Rte. 5, Box 758
Winchester, VA 22601
PHONE
(703) 667-3787
(703) 667-0363

NEUHAUS'ES
York, PA
717-428-1953

SHIPPENSBURG, PA
Witmer Impl.
717-532-6139

GREENWOOD, DE
Delridge Supply, Inc.
302-349-4327

WAYNESBORO, PA
B Equipment, Inc
717-762-3193

FREDERICK, MD
Knott and Geisbert
301-662-3800

RISING SUN, MD
Ben Haines
301-658-5359

LEBANON, PA
Evergreen Tractor Co. Inc.
717-272-4641

AG ENTERPRISES, INC.

Your Complete Grain & Feed Systems Dealer

3586 Centennial Rd., Hanover, Pa. 17331 717-637-2214

MKS WANTS YOU!

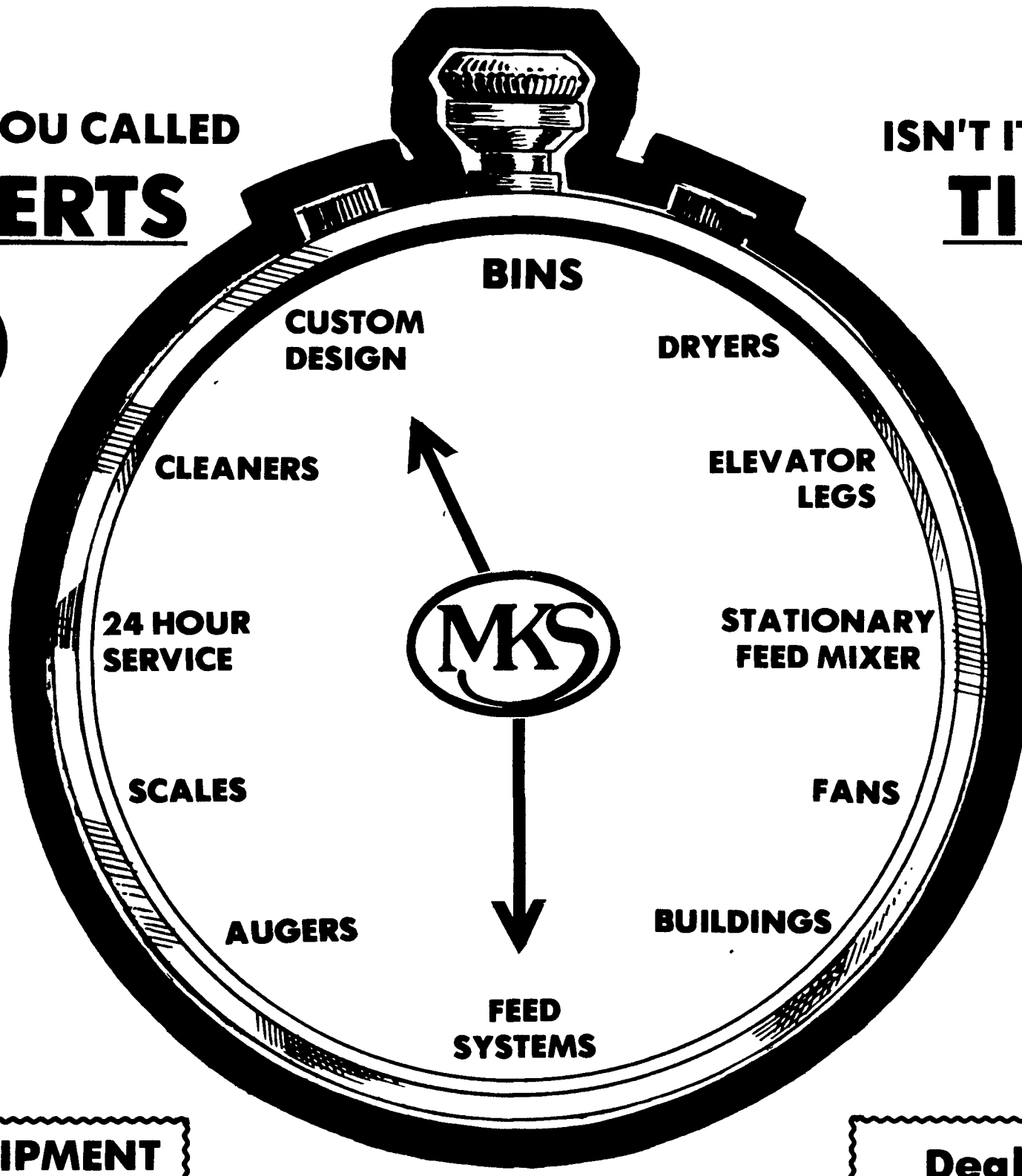
FOR YOUR SAVINGS SEE US AT

AG PROGRESS DAYS

MKS OFFERS SAVINGS!

HAVE YOU CALLED **EXPERTS** ?

ISN'T IT ABOUT **TIME** ?



EQUIPMENT
• New • Used
• Serviced

Dealing In Quality!

Call or Write Now! Don't Delay...

Call or Write Now! It's Your Time!

MKS

AG ENTERPRISES, INC.
3586 Centennial Rd., Hanover, Pa. 17331
717-637-2214

Don't overlook grain drill maintenance

CHICAGO, Il. — Since grain drills are designed with minimal maintenance in mind, their checkups often are overlooked in favor of more intricate or expensive machinery. But a thorough maintenance program can extend the life and efficiency of your grain drill, according to Mike Thurow, marketing planning manager for International Harvester.

"For many years, drills sat outside the machine shed to allow the storage space to be used for other, more expensive pieces of machinery," Thurow says. "But farmers are starting to pay more attention to drills and are increasingly concerned with drill maintenance and seeding efficiency."

Thurow advises that a preseason maintenance program should start with a thorough cleaning of the unit. Everything from hopper boxes to drive chains should be scrubbed free of dirt, trash and leftover fertilizer. Fertilizer can be especially harmful to the metering mechanism in the hopper boxes.

Lubrication of all main points, as well as in inspection and cleaning of all drive chains, should be completed next, he says. Chains that have rusted will not drive smoothly. In turn, this will cause a jerking action within the seed metering system, which leads to uneven seeding.

When lubricating the unit, Thurow cautions producers not to forget to loosen the wing nut on the feeder shaft adjusting lever, lubricate the pivot point and move the shaft its full spectrum. "This lever controls the amount of seed dropped. It's very important that it works properly and smoothly."

The arbor bolt, which holds the press wheels in place, should be checked for tightness, Thurow says. "A loose bolt will allow the wheels to wobble and may wear out the bearing. An extremely loose bolt will allow the wheel to run off the seed row, failing to provide good seedsoil contact."

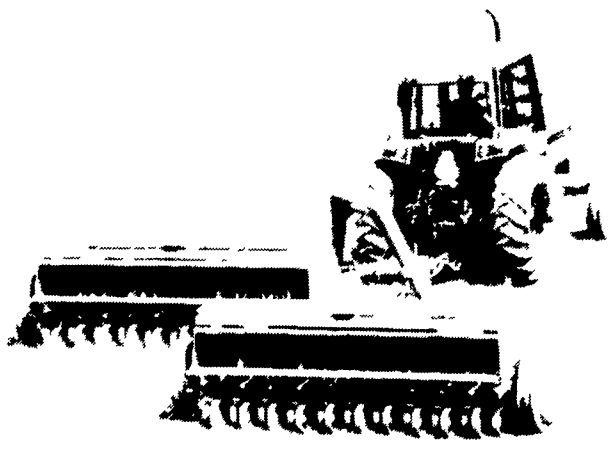
Seed openers, single-, double-disk or hoe type, should be closely inspected for wear and replaced if necessary. Worn bearings should be replaced at this time.

The rubber tubes which carry seed from the hoppers to the soil should be inspected for cuts, mouse nests or other obstructions, Thurow notes. They should be free of any kinks that might impede accurate seed droppage.

Seed sizes vary each year. Thurow says it is imperative producers identify seed size based on the number of seeds per pound. Then, they should calibrate their drill units accordingly. He advises producers to consult their operator's manual for that information.

Producers should carefully adjust the depth of their drill units according to their individual needs, the IH manager says. For example, on end-wheel units it is important that both tires be inflated to the same pressure to ensure uniform height across the unit.

"Ideally," Thurow concludes, "a proper preseason grain drill checkup should start with a thorough cleanup of the unit before it is stored. If there's no room for the unit in the machine shed, producers should at least clean and lubricate the drill, then cover it with a heavy tarp."



Proper grain drill maintenance is essential if producers expect maximum seeding accuracy and efficiency.

NFO slates convention

CORNING, IA. — The 1984 convention of the National Farmers Organization will be held Dec. 4-6 at the Riviera Hotel and Convention Center in Las Vegas.

David Kozishek, national secretary and convention arrangements chairman, said the 3-day convention will be preceded by meetings of the resolutions, credentials, and other committees on Dec. 3.

The convention's opening day on Tuesday will feature reports from offices and department heads and a report on the state of the organization from DeVon Woodland, NFO's national president.

The second day's activities include a series of commodity marketing seminars, meetings of district and state officers, and legislative meetings conducted by Charles L. Frazier, director of NFO's Washington office.

The final day's activities on Thursday include consideration of the report of the resolutions committee, proposed bylaw changes, and addresses by Woodland and Ed Graf, chief assistant to the president of NFO.

Kozishek said invited speakers from outside the organization will appear on the program throughout the convention.

The selection of delegates to the national convention is underway now in county NFO meetings across the country. Members of convention committees will be elected this summer at district meetings.

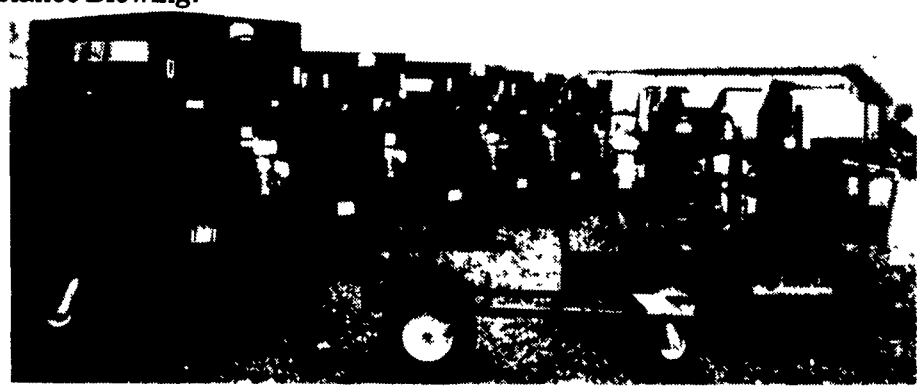
Myers AgLine SPRAYERS
JW DURAND · WAYLAND, INC. Swanson Sprayers

Earl F. Kegerise, Inc.
RD 3, Box 3058 Fleetwood, Pa. 19522
215-944-8532

Spraying Systems Co. Parts & Service
JOHNSON
FRIEND FRIEND MANUFACTURING CORP
Agrotec®

Comfortable protection.
Red Wings RED WING SHOES
ASK THE MAN WHO WEARS THEM
SUPER SOLE SAFETY BOOTS
2219
2220
2255
Steel Toes? You Guess!
What's your style If your job calls for safety steel toes, there's no need to settle for what you can get With Red Wings, you get what you want! Stop in
SIZES A EEE' / 5 15
Not all sizes r all widths
You've earned your Wings'
RED WING SHOES
Red Wings
• Safety Steel Toe
• Tough Long wearing Urethane Sole
In Stock No Waiting
VISA
WAYNE'S DRY GOODS
HOURS Daily 8 30 A M to 6 00 P M Friday 8 30 A M to 9 00 P M
271 W MAIN STREET — KUTZTOWN, PA — PHONE 215-683 7686

DAIRYLAND Buys Direct And Passes Savings On To Pennsylvania Farmers
$ $ UNBEATABLE PRICES $ $
• Fiberglass 4'x8' Panels For Milking Area
• Fiberglass 2'x45' Manger Liner
• Agri Metal Bedding Chopper (Better Known in Penna. As The Big Red or U.S. System) w/7 H.P. Honda Motor, All Steel Construction, Balanced Rotor w/64 Ultra-Strong Spirally Mounted Knives, More Cutting Power And Longer Distance Blowing.



• Agri Metal Motorized Feed Carts, Well Built, Two Side Discharge, 180° Turning Radius, Easy To Operate. Truely The BEST CART ON THE MARKET At Prices That Can't Be "BEAT"
Receive One Of These Items FREE With Purchase Of Motorized Feed Cart
(Limited Time Offer)

Sales Center For Mueller Milk Coolers, Westfalia Feed and Milking Equipment
Butler Livestock Systems, Lancaster Silo's and Winpower Alternators
SEE OUR DISPLAY AT THE WINPOWER MFG. EXHIBIT AT PENN STATE'S AG PROGRESS DAYS, Loc: W. 8th St.
Your Dairy Equipment Specialist
DAIRYLAND SALES AND SERVICE, INC.
Located 3 Miles West of Troy On Rt. 6
RD 3, Box 43 (717) 297-4128 Troy, PA 16947

Ag downturn continues in Europe

(Sabine Hartelt is a West German journalist. Recently, she participated in an exchange program in the United States, during which she lived on the Windtryst Farm of Anne and Edgar Cannon at R1 Avondale. She also visited Lancaster Farming during her stay in Pennsylvania. She has since returned to West Germany.)

BY SABINE HARTELT

MANNHEIM — (West-Germany) — After weeks on strike the German workers of the three John Deere branches are back at work. The unions demanded in the contract negotiations the 35-hour week. In the end, they compromised and contracted 38.5 hours work per week instead of 40 hours as it was before.

This strike put the production so far behind that the management probably doesn't need to work again on short-time. They started with the short-time work just a couple of days before the strike began. But it is not certain that the delay in production can avoid another period of short-time work, because the expectations for the business year 1984 are really low.

As a matter of fact, Duke Schwerin, John Deere's European press spokesman, said in an interview, that there was only a trifling demand for tractors in West-Germany. In 1983, there were 45,000 tractors newly licensed. This year there won't be more than 37,000 (of all trade-marks).

All tractors between 40 and 120 hp are produced in Mannheim. From there John Deere exports the machines all over the world, including the United States. Tractor cabs are made in Bruchsal and machines like haybines and combine harvesters come from Zweibrucken. In 1983, the three John Deere German branches together made net sales of 92 million dollars (John Deere world wide made 3.968 billion dollars).

Altogether there are 5,100 employees in West-Germany working for John Deere. But that must not mean that they are all Germans. 95% of the foundry workers in Mannheim are Turkish citizens. Some of them have already been about ten years in Germany.

Sometimes there are a few problems with the imported American products because of German security rules. All tractors above 140 hp are imported from the States. The German technical inspection did not accept the windshields. So, John Deere Germany was forced to destroy the windows by hand and replaced them. This way was cheaper than changing the computer program in Iowa and other factories. Their own cab production in Bruchsal solved that problem.

The company, known as tractor producer number one in the world has tough competition in Europe. Here, the Italian automobile firm Fiat is number one in tractor sales. The french market is dominated by another automobile manufacturer, Renault.

For the future John Deere's basic item will be to maintain its position against these companies. All manufacturers wait for better times when business will increase again. But there are no indications for the coming two years.

Knife assembly introduced

GOODFIELD, Il. — DMI, INC., Goodfield, IL recently announced the introduction of a new colter and fertilizer knife assembly, called the Colt-R-Nife.

The Colt-R-Knife is a one-piece assembly that consists of a 20" independent spring-loaded colter and an independent spring-loaded knife. It is designed to be mounted on any 4"x4" bar of a chisel plow or tool bar applicator to cut through residue and knife-in fertilizer.

According to the manufacturer, the Colt-R-Knife, being a complete one-piece unit, is easy to install and simple to adjust. It is specially suited for no-till or ridge-till farming practices due to its minimal amount of soil distrubance... because the colter stays in line with the knife and is not free swinging, it makes a clean cut directly ahead of the knife. These units will deep place dry, liquid or gas nutrients or any combination. Optional knives and sealers are available for varying soil conditions.

For further information contact: DMI, INC., P.O. Box 65, Goodfield, IL 61742.

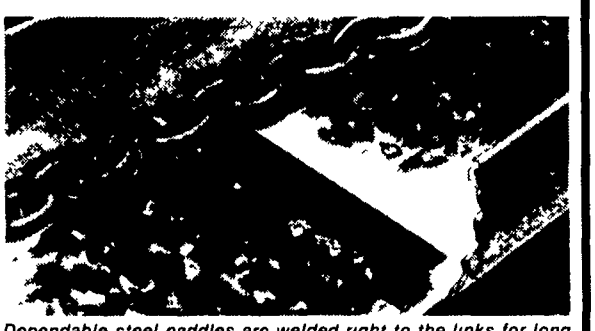
CORNELL BARN CLEANERS ARE BUILT TO LAST.

They're built to last due to the unique round oval link design which allows the chain to flex more easily at corners. Less power is required. The tough 5/8" durable chain links assure years of highly dependable barn cleaning. No bolts or pins to shear and be picked-up in haying equipment. No hooks to straighten or break. Our chain has the **toughest** link around.

We have conversion kits, too! Give your present barn cleaner a new lease on life. Our replacement parts are adaptable to almost any make barn cleaner.

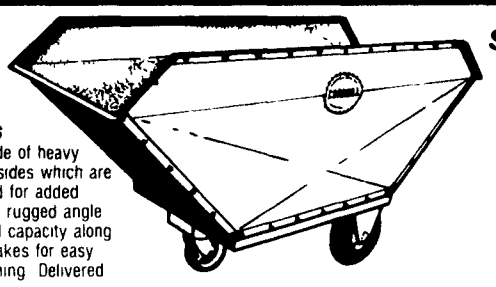
For dependable barn cleaning call your nearby CORNELL dealer or give us a call: (717) 869-1227.

Steady, double-tooth sprocket drive We use two teeth to drive outside of the link for steadier drive, reduced wear Easy chain length adjustment with forged connector links



Dependable steel paddles are welded right to the links for long life No pins or bolts to loosen and get into hopper of manure ram pump No nooks or crevices to trap maure and corrosive acids Cornell's paddles help prevent roll back and piling up of manure

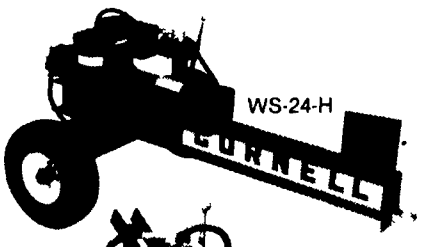
Get a FREE Cornell Feed Cart.

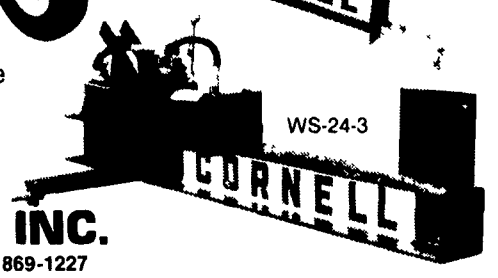


See us at the AG PROGRESS DAYS.

Ask us for details on how the 16 bu. Cornell Feed Cart can be yours FREE!

Cornell Feed Carts
These versatile carts are made of heavy galvanized steel bottom and sides which are replaceable Sides are scored for added strength and reinforced with rugged angle iron chassis Their 16 bushel capacity along with 3 or 4 wheel design makes for easy handling emptying and cleaning Delivered completely assembled



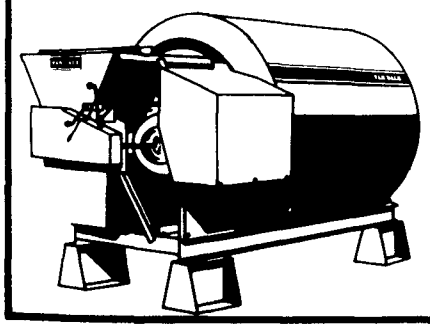


Cornell WOOD SPLITTER prices have been chopped... make a deal you won't believe!
Now's the time to give us a call and make a deal of a lifetime on any of our eight wood splitter models we offer . . . from our 19" to the rugged 32" capacity units. Take your pick of 3-point hitch styles that operate off the tractor hydraulic system or self-contained, gas powered models. If you can't attend the Farm Show give us a call . . . don't miss-out on these savings!

CORNELL MFG., INC.
Laceyville, PA 18623 • Phone (717) 869-1227

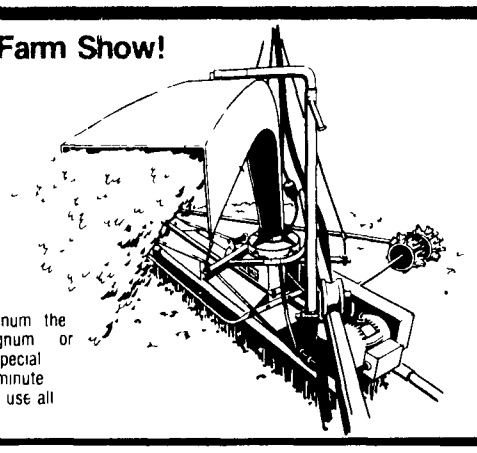
Check-out our VanDale Dollar-Dealing-Days.

See CORNELL for VanDale Dollar-Dealing-Days at the Farm Show!



Rota-Blend (TMR) Mixer
The Van Dale Rota Blend mixer now makes a Total Mixed Ration (TMR) feeding program so affordable so economical that you can t afford to be without it The heavy duty roller chain and sprocket provides rugged efficient drive The fill hopper has a movable flow control plate and removable inspection plate allows access to mixing drum

Silo Unloaders
Choose from the surface driven Magnum the most popular model the Little Magnum or the popular ring-drive Magn Trac Special tripod and unloader design gives 5 minute turnaround from feed to fill lets you use all your silo capacity



HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

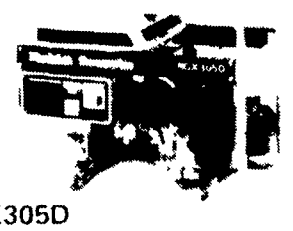
WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
NORMAN CLARK & SON
(717) 734-3682
Also See Ad On Pages B24 & 25

ROBIN
Industrial Generators

LG201



RGX305D

FISHER ENGINE SERVICE
3141 Old Philadelphia Pike
BIRD-IN-HAND, PA 17505 (717) 768-3729

K & S INC.

INVITES YOU TO SEE US AT AG

ON DISPLAY

- ☐ FICKES RING OF STAVES W/16 FT. VAN DALE MAGNUM SILO UNLOADER
- ☐ COMPLETE LINE OF UEBLER ENSILAGE CARTS, INCLUDING THE U-BLEND™ MIX CART W/SCALES
- ☐ HOSKINS CATTLE WATERERS
- ☐ VAN DALE 3000 GAL. LIQUID MANURE TANK W/ INJECTORS
- ☐ SERIES 9000 VAN DALE SILAGE CONVEYOR

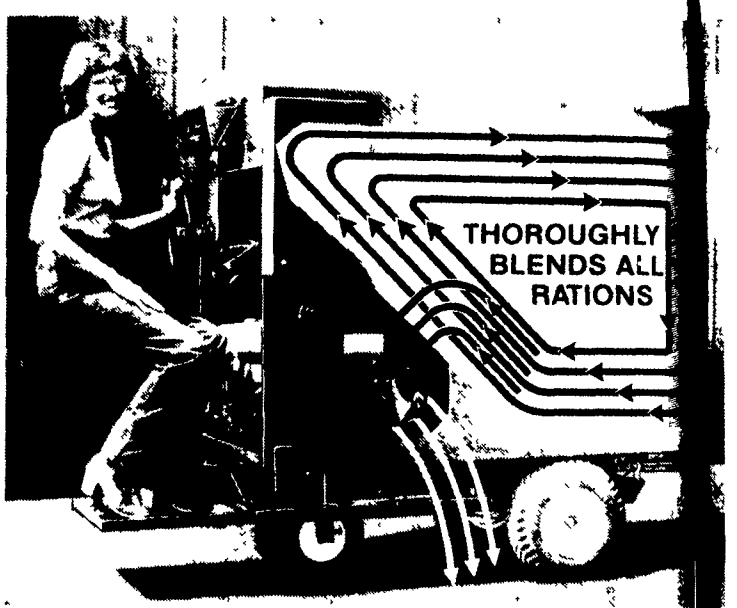
LOOK FOR OUR
REBUILT EQUIPMENT DISPLAY
INCLUDING
SILO UNLOADERS AND FEEDERS

UEBLER

GAS POWERE

FOR STALL BA

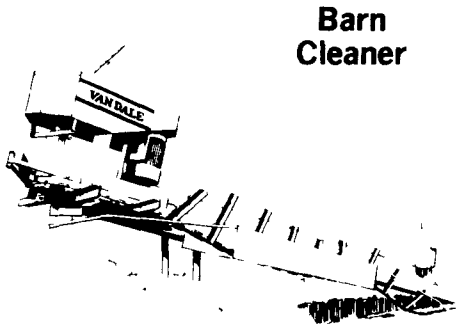
The Mixer They'r



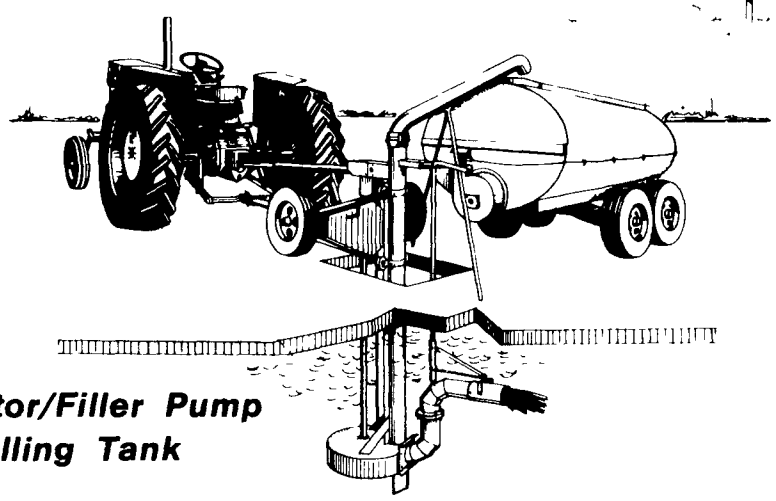
FEATURES

- Simple Controls
- Hydrostatic Drive
- Heavy Duty Wheels
- Riding Platform
- 5 Hp/7Hp Engines
- Quality Construction
- Auger Dis

THE WASTE MANAGEMENT LINE

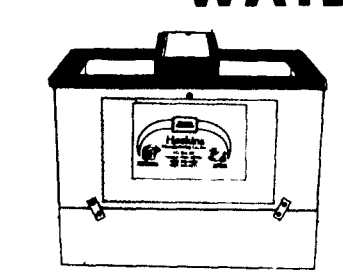


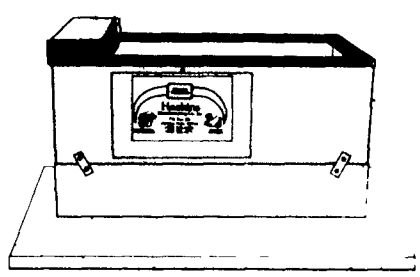
Barn Cleaner



Agitator/Filler Pump Filling Tank

HOSKINS RED TOP WATERERS





FARMSE

Magnum S

K & S INC.

Sales & Service

UEBLER · FICKES SILO COMPANY INC · VAN DALE · VAUGHAN

(717)-284-3111 R.1 - Quarryville, PA

PROGRESS DAYS, Aug. 21-23

Located On West 1st Street

ELER

E) TMR MIXER

BA OPERATIONS

'r All Talking About

U-BLEND™

A Complete Feeding System for High Moisture Grain, Silage, Haylage or Total Mixed Rations

OPTIONS

- Electronic Scale
- "2 in 1" Auger Conversion
- Electronic Weight Computer

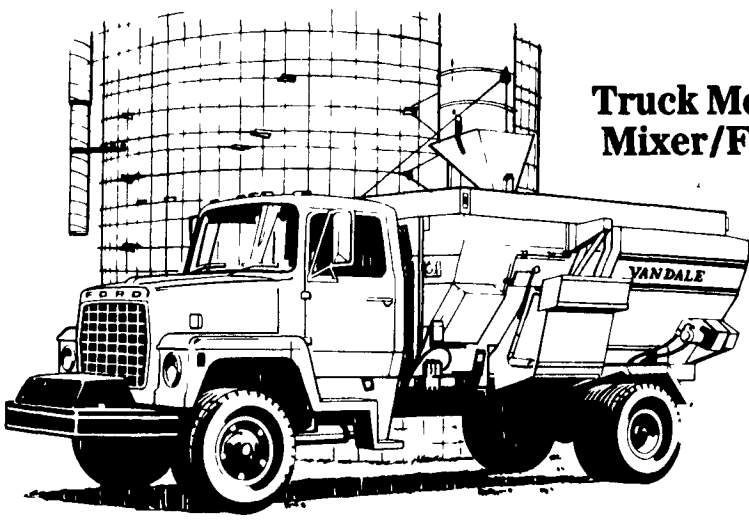
Hp as
s
/
uct n
Dis arge

FEATURING

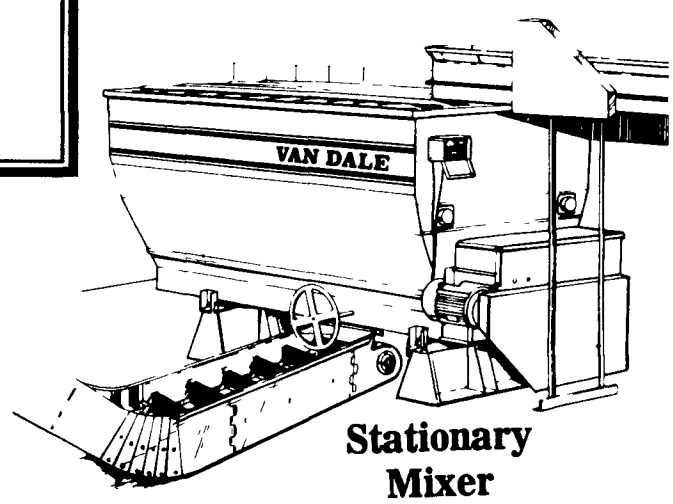
UEBLER FEED MACHINES

- ☐ THE U-BLEND™ GAS OR ELECTRIC POWERED TMR FEED CART DESIGNED FOR STALL BARNS
- ☐ THE UEBLER GAS POWERED SILAGE CARTS, MODELS 808, 810 OR 812
- ☐ THE UEBLER ELECTRIC HYDROSTATIC CARTS, MODELS 808E, 810E or 812E
- ☐ UEBLER WATER BOWLS

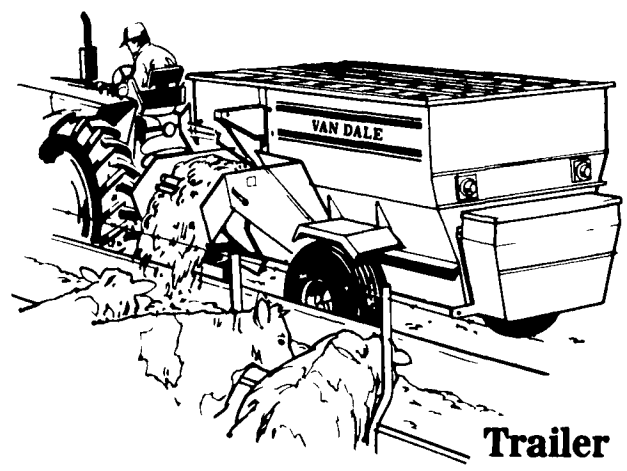
THE MIXER FEEDER LINE



Truck Mounted Mixer/Feeder

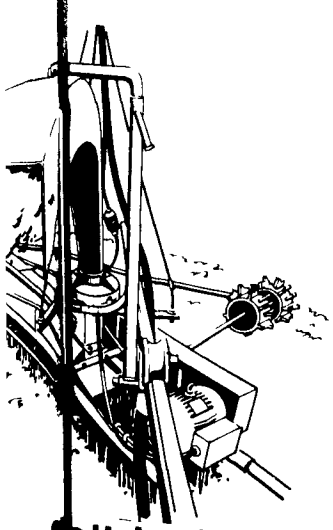


Stationary Mixer



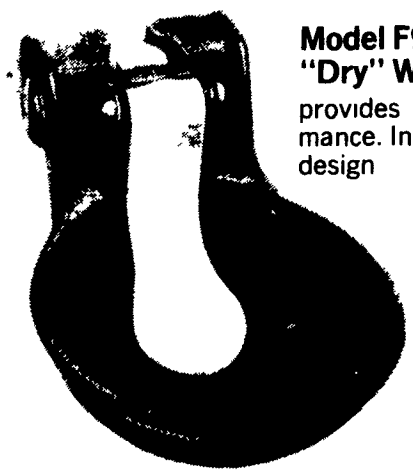
Trailer Mounted Mixer/ Feeder

THE ASTEAD LINE



um Silo Unloader

UEBLER



Model F9S
"Dry" Water bowl

provides superior performance. Innovative, simplified design includes unique removable cartridge valve assembly that is quickly and economically repaired. Stainless steel spring, noseplate and pin. Anti-siphon bowl is fully approved.

Mail To: K & S, INC. R1, Quarryville, PA 17566

I'M INTERESTED

- ☐ FICKES SILO
- ☐ MAGNUM SILO UNLOADER
- ☐ RED TOP WATERERS
- ☐ VAN DALE MIXER FEEDERS
- ☐ VAN DALE LIQUID MANURE SYSTEM
- ☐ UEBLER GAS POWERED TMR U-BLEND™
- ☐ UEBLER GAS OR ELECTRIC FORAGE CARTS (Complete Line)
- ☐ VAUGHAN CHOPPER MANURE PUMPS

NAME _____

ADDRESS _____

CITY _____ STATE _____

PHONE _____ ZIP _____

Livestock can cause farm mishaps

WILMINGTON, Del. — Livestock handling may be responsible for one of every 17 farm accidents. A just-completed study by Du Pont Agrichemicals of 1,216 farm operations showed about 8.6 percent of the accidents reported were livestock related.

The National Safety Council in a prior study found one of eight farm accidents could be attributed to livestock management. Of more concern to the farm family is that more than 90 percent of the victims of these accidents were farm family members. Employees and visitors accounted for less than 10 percent. The council findings showed that many accidents occur because handling equipment and structures are faulty, as opposed to being initiated by the animals themselves.

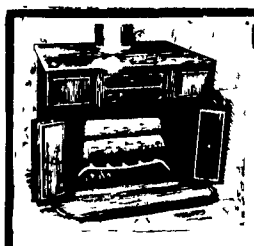
Sorting, weighing and restraining equipment, when not adequate, can subject the operator to injury simply because of the bulk of most farm animals. Jim Borel, product specialist for Du Pont "Lexone" weed killer, sponsor of the farm accident study, recommends protective gear and facilities which can greatly reduce the chance for a mishap.

Borel says the bump cap, a lightweight thin-shelled headgear, common around the farm shop, can also protect the head against bumps and bruises when handling livestock. Gloves of rubber or plastic are a preventive item when assisting with birth or handling sick animals. Safety shoes are mandatory. The hard toe of the safety shoe can prevent loss of time or even a serious injury.

Accidents in milking parlors can occur when the flooring and steps do not have the proper type of rought surface. Lack of hand rails also contributes to falls. Other farm work areas often present the same or similar hazards.

Electric fences are common today, and some have been responsible for death where homemade controllers were used Approved electric controllers and proper installation help prevent serious injury or even death.

In the Du Pont study, farm machinery accounted for the greatest accident rate. Of the accidents reported, farm machinery was named by 44.8 percent, followed by falls of all kinds at 22.4 percent. The livestock accident rate was third.



Hydro Heater, Conestoga & Baker Stoves Or Fireplace Inserts
"Before You Buy... Give Us A Try"
J&A STOVE SALES
3753 East Newport Road, Gordonville, Pa. 17529
ROUTE 772 - ½ MILE EAST OF INTERCOURSE
717-768-8913

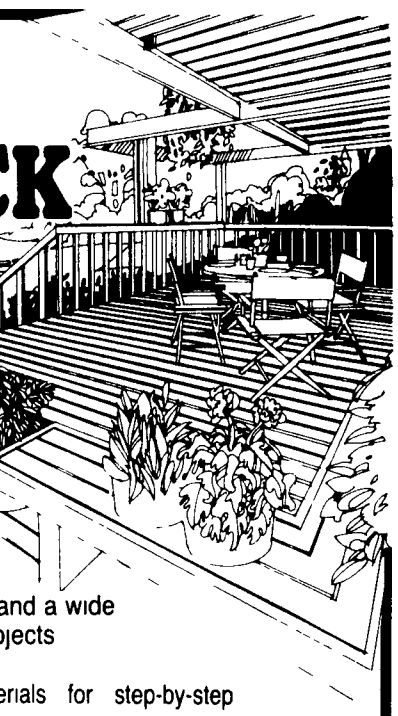
HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
MILTON JARVIS
(412) 258-8310
Also See Ad On Pages B24 & 25

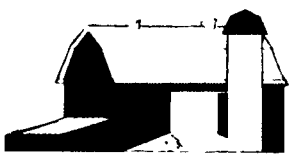
Stop Dreaming
Start Tanning
on your new
SUN DECK
by
OSMOSE
featuring Osmose Brand Pressure Treated Wood — your guarantee of quality



- We design & sell decks, patios and a wide variety of residential outdoor projects
- We will provide plans & materials for step-by-step construction by do-it-yourselfers

WALTER and JACKSON, INC.
LUMBER, MILLWORK & BUILDING MATERIALS

RESIDENTIAL



AGRICULTURAL

Serving the Area's Building Needs Since 1872

WE DELIVER

- Wheeling Painted Channel Drain
- Pressure Treated Yellow Pine
- Pole Barn
- Trusses & Wall Components
- Insulation
- Aluminum & Vinyl Siding
- Bird Roofing
- Complete Line of Hardwoods
- Design & Plan Services
- Anderson & Marvin Millwork
- Glidden Paint
- Brammer Kitchen Cabinets
- Paneling & Ceiling Materials

M-F 7 AM-5PM
SAT 7 AM - 12 NOON

E. GAY ST., CHRISTIANA, PA 17509
215•593-5195 / 857-2613 / 717•786-7282
FARMERSVILLE RD., HINKLETOWN, PA 17557
717•354-4911

KASTEN Introduces
2 NEW FORAGE BOXES
SEE THEM ON DISPLAY AT AG PROGRESS DAYS
AUG. 21-23, LOC. EAST 1ST STREET

Model 22 Illustrated

HEAVY DUTY THROUGHOUT

1½" Apron Shaft w/6 T. Sprockets, Galvanized steel siding, 67H or Pintle Apron Chain, plus many other features including:

- **Single-lever control** lets you vary apron speed to match conditions. Provides an even flow. Low tractor speeds.
- Continuous Roller Chain Drive
- **Chain And Slat Cross Conveyor.** H.D. 7½" dia. beater tubes.
- **Convenient Service Door** swings back for easy accessibility to drive train components.

KKASTEN
KASTEN MFG. CORP., ALLENTON, WI 53002
(414) 629-5511

See Your Local Dealer

ICKES FARM SUPPLY
Osterburg, PA
814-276-3422

GRUMELLI'S FARM SERVICE
Quarryville, PA
717-786-7318

DUNKLE & GREIB
Mill Hall, PA
717-726-3115
Centre Hall, PA
814-364-1421

FARNSWORTH FARM SUPPLIES
Hughesville, PA
717-584-2106

THE WARNER CO.
"For You the Farmer"
Troy, PA
717-297-2141

POWER PRO EQUIP. CO.
Milroy, PA
717-667-6504
New Holland, PA
717-354-4241

ERNEST SHOVER FARM EQUIP.
Carlisle, PA
717-249-2239

SHUEY SALES & SERVICE
Ono, PA
717-865-4915

STRALEY FARM SUPPLY
Dover, PA
717-292-2631 or
717-292-4443

Experts discuss world corn trade

INDIANAPOLIS, IND. — Experts from corn importing and exporting nations, speaking at the International Corn Conference, said that the Japanese market for corn and other U.S. grains will continue to expand; the U.S. will probably never regain its status as a major supplies to the U.S.S.R., and the European Economic Community (EEC) proposes to reduce farm subsidies under its Common Agricultural Policy. The conference, sponsored by Ciba-Geigy, was a highlight of the National Corn Growers Association annual meeting here today.

Albert V. Melnikov, acting trade representative of the U.S.S.R. to the U.S. told National Corn Growers Association members attending Ciba-Geigy's International Corn Conference that the 1980 grain embargo and Russia's lack of access to American markets are responsible for a declining U.S. share of Soviet grain imports.

His excellency Yoshio Okawara, Japanese ambassador to the U.S., stressed the interdepence of Japan and the U.S. in international trade and agriculture, pointing out that the U.S. supplies about 80 percent of his country's corn and other grain needs. "Our prosperity is indivisible," Okawara stated. "Our economies will flourish, not by restricting trade, but by eliminating barriers to fair competition, efficiency and uninflated costs."

Okawara expressed the hope that American proposals for local-content legislation would be rejected because of their impact on international trade. He stopped short of any statement regarding possible retaliation by Japan.

Albert V. Melnikov, acting trade representative of the U.S.S.R. to the U.S., said that while his nation's grain imports are expanding, the U.S. share of that market is declining. He cited the 1980 grain embargo and Russia's lack of access to the U.S. market as reasons. The embargo served notice that the U.S., which was virtually the sole supplier of corn and wheat to the U.S.S.R., could no longer be considered a dependable source of supply. According to Melnikov the Soviets want access to American markets to help offset some of the costs of their grain purchases.

Until the U.S. demonstrates that it is willing to open its markets to Russian products by reducing import duties, Melnikov said, it is unlikely that agricultural trade will return to 1979 levels. Despite current agreements, the U.S. will remain one of many suppliers.

According to Sir Roy Denman, head of the Delegation of the Commission of the European Economic Communities (EEC) to the United States, the high value of the American dollar and high interest rates here have a negative impact on the EEC, as well as the American corn growers.

"This means an increase of our exports to the U.S., but it also means protectionist pressures here (in the U.S.), a flow of capital to the United States, and high interest rates in Europe which damp our own recovery," Denman said.

The subsidies paid to European farmers have long been criticized by American farmers. Denman indicated that the EEC proposes to reshape its Common Agricultural Policy to shift some of the over-production burden to EC farmers, restrict the volume of production on which they receive guaranteed prices, and reduce the gap between EC and world prices.

Dr. David Lacroze, former chairman of the Argentine Grain Board and former Argentine Undersecretary of Agriculture, stated that the world financial crisis has stopped the growth of international trade; the strong U.S. dollar and high interest rates are reducing grain usage; developing countries are on the verge of bankruptcy; protectionism is on the rise, and grain exporters are contemplating price wars.

SANDBLASTING AND SPRAY PAINTING

Aerial Ladder Equipment
Farm Buildings
Feed Mills
Commercial-Industrial
Repointing
Interior/Exterior

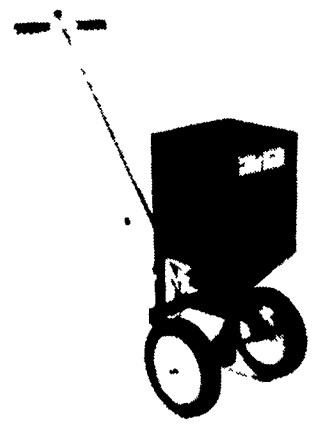
HENRY K. FISHER INC.
667 Hartman Station Rd.
Lancaster, PA
393-6530

HOULE
WIC
• Liquid Manure Pumps
• ELECTROMIX
• Barn Cleaner Chains
• Bedding Choppers
• Silage Carts
• Manure Tanks
US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
• Free Stalls
• Self-Locking Panels
• Comfort Stalls
• Gutter Grates
Available From
M & M BARN EQUIPMENT
(814) 334-5504
Also See Ad On Pages B24 & 25

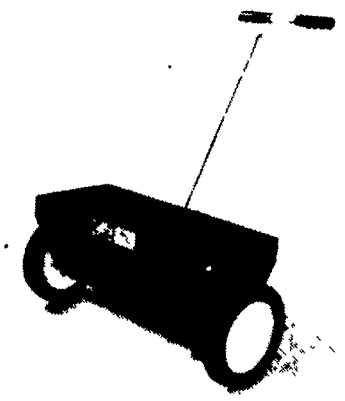
CONSTRUCTION
SPECIALISTS IN:
FARM BUILDINGS - EXCAVATING
MANURE PITS - SEPTIC TANKS

Excavating
• DRIVEWAY STONING
• SEPTIC TANK & DRAIN FIELDS
• SNOW REMOVAL IN SEASON
• MANURE PITS
• POND WORK • FIELD WORK
- FREE ESTIMATES -
— SPECIAL FARM PRICES —
DYNAMIC MASONRY CONTRACTORS
Gordonville, PA
Mike Fisher
Larry Herr
(717) 687-6801
After 6 PM, Call (717) 687-7217

Take A Look At This
KOW A L KART LIME SPREADER



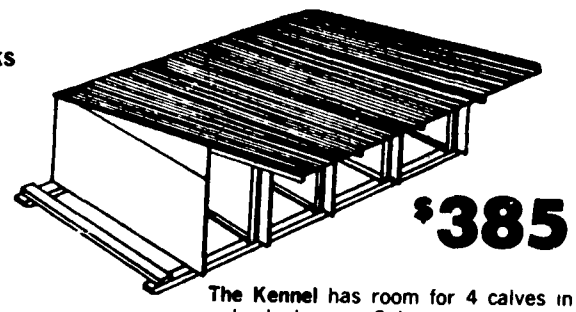
MODEL F-100
$79.95



MODEL D-100
$69.95

A Barn-Dry Spreader that is built for a Farmer -
HEAVY DUTY CONSTRUCTION
• w/Grease Zerk Bearings • w/80 Lb. Capacity
• w/10" Steel Hub Wheels
Dealer Inquiries Invited
• Hoffman Products
AARON S. GROFF & SON
• Mar-Gro Minerals
Farm And Dairy Supplies
• Garden Seeds • ECI Dairy Cleansers • Impro Products
RD 3, Rt. 322, Ephrata, PA 17522
HINKLETOWN PH: (717) 354-4631

Solar Calf Kennel
Feeding Racks included. Each Feeding Rack consists of Pail and Hay Rack. Pail not included.



$385
The Kennel has room for 4 calves in individual pens Calves cannot reach together Overall size 8x12, plus 3' overhang to protect feeder on 4x4 skids, and is movable Half-inch Aspenite sides and white baked enamel roof to reflect heat
We Can Arrange Delivery
Other Styles and Sizes Available
Ask Us About Our Calf Shelters For Older Calves
We Do General Farm Construction in Milking Parlors, Dairy Setups & Poll Sheds
In Lancaster, York & Chester Counties, PA
Harford & Cecil Counties, MD.
Ira C. Herr & Son, Inc.
RD 1, Quarryville, PA 17566
Phone Day - 717-284-4543 Nite 717-786-2090

From farrowing house to table

Clearview Farms is committed to pork

BY BETH NESBIT
Staff Correspondent

ROCHESTER MILLS — Located among the vast fields of northern Indiana County is the Anthony family's Clearview Farms. What began as a hobby twenty six years ago has become a way of life for Clifford and family.

No ordinary pork producer, Clifford Anthony not only maintains a 2000-head hog operation, but also supervises his own pork store.

In 1949, Clifford bought his first Hampshire pigs as 4-H projects at a local fair In addition to raising pigs, he was also milking cows for his father, but due to sanitation regulations, he had to choose between the two After discussing the future of the pork industry with Indiana County extension agent, Ward Stover, Clifford decided to raise pigs.

While the Anthonys were establishing their pork operation, they chose to raise broiler chickens until the pigs were ready for market, and not until 1965 did Clifford become a serious pork producer. At this time, forty gilts and one boar were bought from Reno Thomas, a well-known pork producer in the area. From these forty gilts and one boar, Clifford began farrowing his own hogs and has done so ever since.

Today Clearview Farms consists of one farrowing barn, one nursing barn, three finishing barns for the market hogs and a gestation barn that houses the sows and boars.

The farrowing barn holds up to sixty sows, thirty sows in each room. Sows that are about to farrow are moved from the gestation barn to the farrowing barn, one week prior to farrowing. Once in the barn, sows receive vitamin and mineral-fortified feeds, containing a laxative.

Piglets stay with the sows for three to four weeks. While with their mothers, these pigs' diets include water and milk. A lactating sow's diet consists of a dry feed supplemented by vitamins and minerals.

Ten days after birth, all males are castrated and gilts must meet certain qualifications in order to become brood sows. These qualifications include coming from a large litter and having fourteen teets. If these requirements are not met, she will be transferred to the nursing barn along with the males.

Only a sow is weaned, usually on a Friday, she is transported to the gestation barn where she will be bred. The majority of these sows will come in heat and will be bred on the following Monday or Tuesday.

These sows are all hand-mated to one of the fourteen purebred Hampshire or York boars at Clearview Farms. Joe Rising and Ed Anthony, son-in-law and son of Clifford, are in charge of managing the health, feeding and breeding aspects of this hog operation.

Once a sow is bred, Joe assigns her a group number. There are a total of seven groups. Sows remain with these groups until they are due to farrow. While in the gestation barn, a sow gets five pounds of feed comprised of corn, soybeans and minerals.

Those pigs that are transferred from the farrowing house to the nursing barn will remain there until they reach 60 pounds. Between 500 and 600 pigs are housed in the nursing barn. These market hogs are able to eat all they want from self-feeders.

Once a pig reaches 60 pounds, it is moved into one of the three finishing barns. A pig will remain in this barn until it reaches 220 pounds. When this weight is reached, the hogs, now approximately five to six months old, are slaughtered for pork.

Market hogs in the finishing barns get all the feed they want from self feeders. The feed these hogs receive is a mixture of minerals, roasted soybeans, grain and selenium.

A good ventilation system is a vital element to all pork producers. Clearview Farms uses the Ventamatic vacuum system.

Fresh air is continuously being pulled in from the outside through shutters located on the sides of the farrowing barns. Two large fans pull any stagnant air from the center of the housing unit. There is also a fan constantly pulling air from the manure pit beneath the barn.

The ventilation system in the nursing barn is different from the farrowing barns. Two large air bags in the center of the barn bring in fresh air from outside, while two fans are always drawing air from the inside of the barn.

In order to feed their 2,000 hogs, the Anthonys raise the majority of their own feed. Of the farm's 1200 acres, 600 are comprised of corn, 100 are in oats, 200 are used for wheat and 300 acres are in soybeans. The majority of these 1200 acres are rented from neighboring farmers. Most of the feed fed to the market hogs is ground on the farm.

"By growing our own feed, we can control its quality to insure our hogs are fed the sweetest, most nutritious grains," says Clifford. "The feed fed to these hogs is supplemented by a vitamin mixture to keep our hogs healthy, right up to the moment they go to the slaughterhouse," he continues.

After doing some figuring of his own in 1980, Clifford realized that he was just breaking even with 46 cents a pound, per hog. Market prices were thirty cents a pound, just two or three cents over auction prices.

While reviewing the retail prices of pork, Clifford found that they were set between $2.79 and $2.99, a difference of just twenty cents.

Considering these prices, the Anthonys were inspired to open their own fresh pork store and processing plant. With its own store, Clearview Farms has complete control over its pork products. Consumers are able to purchase half a hog, or separate pieces, right from the producer.

A wide variety of pork products are available at the Clearview Farms pork store. Pork lovers can purchase such products as smoked or fresh hams, chops, spare ribs, bacon, and a variety of sausages. All smoked meats are processed in the Clearview Farms smokehouse using real wood.

Along with the typical lunch meats, all-meat bologna and salami, the Anthonys produce boneless ham sandwich slices, pepperloaf, hamloaf and a hamloaf with special seasonings called "luau loaf".

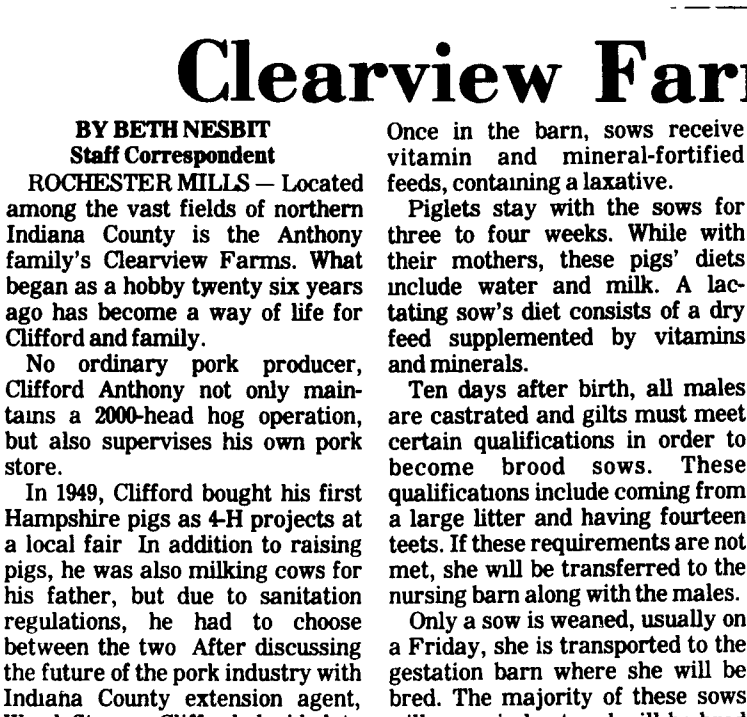
Not only do the Anthonys package their pork right on the farm in any size or quantity the purchaser desires, they also maintain mobile meat markets.

In order to increase pork sales, Clifford decided to take his product into local farmers markets. Very few pork or beef farmers take their products to these markets, due to the fact that they have no way to preserve the meat.

Clifford quickly solved this problem by purchasing a large truck. By installing five home deep freezers in this truck, meat is able to be kept cold but not frozen. These freezers are ideal for travel and convenient for customers to browse through. The Anthonys currently travel to 13 farmers markets a week.

With an Apple II computer, Clearview Farms can keep an eye on all facets of its operation. Each hog has an identification number and with this information recorded in the computer, it is very easy for Karen Anthony, computer operator and daughter-in-law, to apply farrowing, weaning and breeding information to each

(Turn to Page D26)



Two large airbags are the main source of ventilation in the nursing barn.

Maintaining a clean and well ventilated farrowing barn is one of the first steps to raising healthy pigs at Clearview Farms.

Clearview Farms, operated by Cliff and Peg Anthony, has complete control over its pork products, from the grain grown for feed to the meat for the consumer's table. Here Dave Painter, the firm's meat cutter prepares linked hot sausages.

A line of smoked hams in the freezer await the trip to market.

Clearview's mobile meat markets are equipped with five home deep freezes, making pork easily accessible at the 13 farmers markets on Clearview's route.

Clifford Anthony explains his mobile meat market to Mary Ellen Miller and Joan O'Neil, two 4-H'ers from Wisconsin.

Talk to the man who knows

Badger

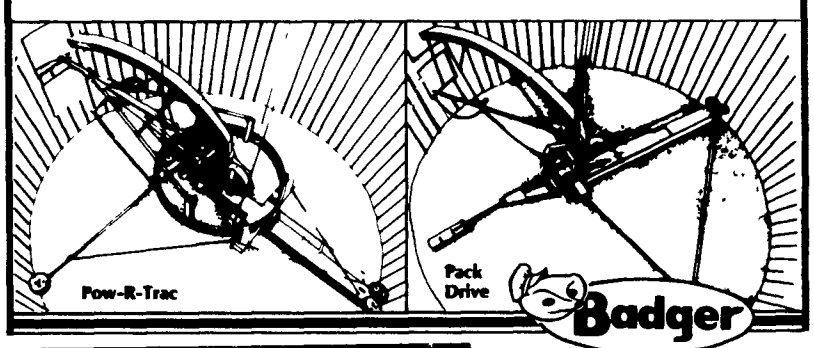
Stop By The BADGER EQUIPMENT DISPLAY At AG PROGRESS DAYS

Located On East 3rd Street

Unloader
Badger
gives you what you pay for . . . and more!

FREE REMOTE CONTROL ($365 Retail Value)
For extra convenience the "remote control" allows operator to control on and off at the unloader.

With the purchase of a NEW BADGER SILO UNLOADER during August and September '84, at your participating Badger dealership.
Pre-installation Silo Unloader Waiver program in effect until 1985!

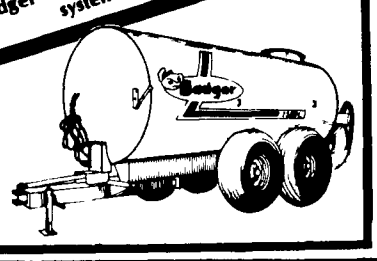


The best Badger Tank buy, just got better!

Waiver of Finance Charges Until March 1, 1985
or
Cash up to $335

FREE REAR VALVE MONITOR (a $320 value) with purchase of any new Badger tank with injector system.

See your participating Badger Dealer



Badger's "Beat The Clock" Mower/Conditioner Rebate Program
Buy A Badger Mower/ Conditioner In August And You'll Receive
$100.00

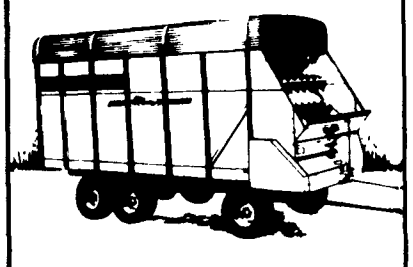
Check With Your Badger Northland Dealer About His
TRUCKLOAD BARN CLEANER CHAIN SALE

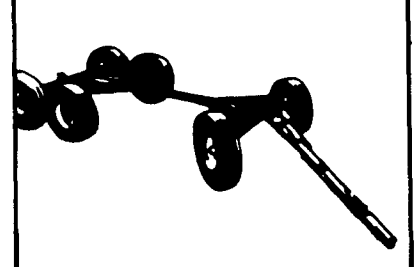
WAIVER OF FINANCE ON ALL FORAGE EQUIPMENT UNTIL APRIL 1, 1985
Includes: Boxes, Running Gears, Blowers and Mower/Conditioners

Better, because they're built by Badger

Badger

Badger's Forage Box and Running Gear are the right combination for your farm.





The legendary Badger Box. It doesn't take long to see how much better it is than others. Just check the list of features:
- Tough steel frame
- Lifetime guaranteed plywood sides and floor
- Heavy-duty pintle chain apron and cross-conveyor
- Simple chain drive
- Options designed with you in mind!

Built to last and last!

3 Gears to keep your box rolling . . . and rolling . . . and rolling.
The perfect match for any box with:
- Bolted rear spindles—replaceable without a torch
- "Quick Hitch"— standard!
- Long adjustable hitch— standard!
- High strength alloy steel— standard!
- 8.5 - 10.5 ton single axle - or - big, tough 12.5 ton with unique "walking tandems"

Buy a Badger Box and Gear now, and you won't have to worry about buying another one for a long, long time!

Badger

4 Months Waiver On All Farmstead Equipment

SEE YOUR PARTICIPATING BADGER DEALER FOR DETAILS

WE OFFER A FULL LINE OF EQUIPMENT WITH FINANCING OR LEASING

Badger

JOHN BROWN
RD 1 Box 9
Forksville, PA 18616
PH (717) 924-3492

FANCY FURROW FARMS AG EQUIP., INC.
RD 1, Uhler Rd
Easton, PA 18042
PH (215) 252-8828

C. PAUL FORD & SON
RT 1
Everett, PA 15537
PH (814) 652-2051

HOCH'S REPAIR CENTER
P O Box 16-E Market St
Berrysburg, PA 17005
PH (717) 362-8252

HONESDALE SPREADING SERVICE INC.
505 Cliff St
Honesdale, PA 18431
PH (717) 253-2410

HOOVER EQUIPMENT
R 4 Box 371 H
Tyrone, PA 16686
PH (814) 684-1777

HUTTON FARM EQUIPMENT
c/o Joe Hutton
Mahaffey, PA 15757
PH (814) 277-5504

RALPH KETTERER
Deep Run Box 98 Rt 1
Perkasie, PA 18944
PH (215) 766-8531

McMILLEN BROS.
Clair McMillen RD 1
Loysville, PA 17047
PH; (717) 789-3961

MILLER EQUIPMENT INC.
RD #7 Box 256A
Greensburg, PA 15601
PH (412) 539-8966

MELVIN G. MILLER
RT 2
Spring Mills, PA 16875
PH (814) 422-8279

MONTROSE TRACTOR SALES CO.
P O Box 99, 74 Grow Ave
Montrose, PA 18801
PH (717) 278-3845

PIKEVILLE EQUIPMENT INC.
RT 2
Oley, PA 19547
PH (215) 987-6277

POWER PRO EQUIP. CO.
Rt 322
Milroy, PA 17063
PH: (717) 667-6504

PRINGLE FEED STORE
29 Franklin St
Greenville, PA 16125
PH (414) 588-7950

SHOW EASE-STALL CO.
573 Willow Rd
Lancaster, PA 17601
PH (717) 299-2536

F. ERNEST SNOOK
RD 3, Box 84
Mifflinburg, PA 17844
PH (717) 966-2736

SWOPE & BASHORE, INC.
RD 1, Box 173
Myerstown, PA 17067
PH (717) 933-4138

TROY MOTORS CO.
Troy, PA 16947
PH (717) 297 3674

UNIONTOWN FARM EQUIPMENT CO.
P O Box 1030 Rt 119
Uniontown, PA 15401
PH (412) 437-9851

WOLFE'S BADGER SALES
RD1 Box 420
Milton, PA 17847
PH (717) 524-0931

LEONARD WORK
RD #3
Brookville, PA 15825
PH (814) 849-3361

VAN AKEN DAIRY SUPPLIES
RD2
Columbus, NJ 08022
PH (609) 298-3344

CECIL DAIRY SERVICE
RD 1 Rt 274
½ Mi South Rising Sun MD 21911
PH (301) 658-6923

DUDLEY CHANCE & SON
RT 1
Galena, MD 21635
PH (301) 928-3834

HEFLIN SALES & SERVICE
12312 Oak Hill Rd
Woodsboro, MD 21798
PH (301) 898-3233

C & C FARMERS SUPPLY
RD8 Box 23A
Harrisonburg, VA 22801
PH (703) 433-8582

225 attend turfgrass field day

HIGH POINTS HEIGHTS, Md. — About 225 persons turned out for the first research field day and equipment show at the University of Maryland's new Turfgrass Research and Education Facility in Highpoint Heights (Prince Georges county) on Aug. 2.

Located across Cherry Hill road from the Hopkins plant research farm near Calverton, operated by the university's Maryland Agricultural Experiment Station, the turfgrass facility was dedicated on Sept. 29, 1983.

The morning tour of experimental plots featured research being conducted in the areas of turfgrass fertility, weed control, plant growth regulators and nontarget effects of fungicides. There also were studies on tall fescue seeding rates, zoysiagrass establishment and management, and cold hardiness of bermudagrass.

Other tour stops included:

— Rooting effects of transplanted sod treated with antitranspirants and wetting agents;

— Comparisons of perennial ryegrass, Kentucky bluegrass, tall fescue and fine fescue cultivars under the National Turfgrass Evaluation Program;

— Establishing bermudagrass under plastic covers.

At the latter stop, it was pointed out the best results in this one-year study were obtained from Midiron bermudagrass sprigged under plastic in the fall.

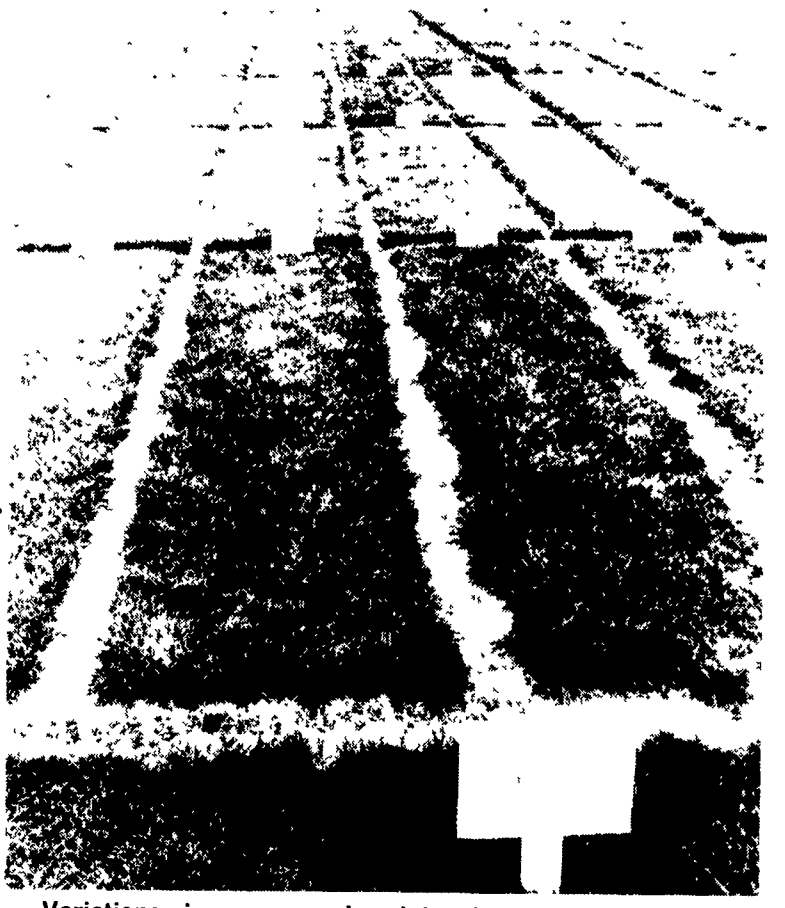
Trying to establish bermudagrass under plastic during summer months gave no advantage over sprigging under straw or on bare ground. In fact, most varieties suffered some heat damage were established under plastic in the summer. Tufcote was the lone exception.

Field day coordinator was Dr. Peter H. Dernoeden, Extension turfgrass management specialist and assistant professor of agronomy at the University of Maryland in College Park.

The Maryland Turfgrass Council sponsored a crab feast at noon. Afterward, field day visitors heard short talks from University of Maryland agricultural administrators, participated in informal tours to research plots of particular interest, and viewed product displays and demonstrations by commercial exhibitors.

One of the products displayed was a commercial ryegrass seed purported to have gentic insect repellent qualities.

Visitors to the University of Maryland's turfgrass field day on Aug. 2 get close look at Kentucky bluegrass varieties being compared under the National Turfgrass Evaluation Program conducted jointly with the U.S. Department of Agriculture. Results from this test will be used in formulating variety recommendations for Maryland and Virginia. Exactly 22 of the 84 varieties being tested are already on the "recommended" list.



Variations in green color intensity among turfgrass varieties create checkerboard pattern in fungicide test plots at the University of Maryland's new Turfgrass Research and Education Facility in Highpoint Heights (Prince Georges county). Darker plots in rear are perennial ryegrasses.

Clearview Farms

(Continued from Page D24)

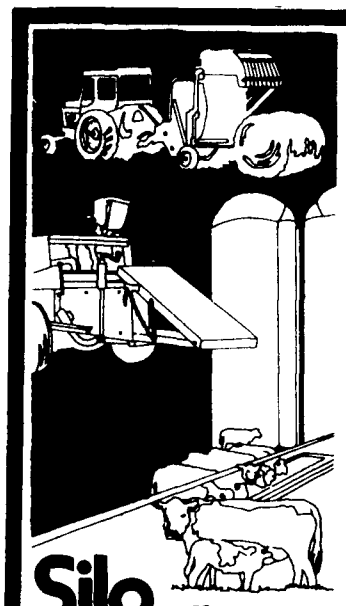
identification number.

Each boar is also recorded on the computer. From the computer printout, Joe and Ed are able to determine when a particular boar's reception rate is low. The use of the computer eliminates much time spent on bookkeeping and allows Clearview Farms to pinpoint any areas of waste, thus saving money.

Maintaining high quality grain feeding, persistence and patience all contribute to raising good pigs. Even though Cliff and Peg Anthony have an established operation, selling pork is not always easy.

The government portrayal of high cholesterol levels in pork and other red meats, turns the public away from pork, and this is a major problem for today's pork producers.

But once a solid reputation has been established, the marketing end of the business becomes much easier. This is the case with Clearview Farms' high quality grain fed, home grown pork. By having complete control over their pork products, they are able to obtain the highest possible quality for the consumer.



Why Farmers Like Silo Sym On Baled Hay:

- allows you to bale tougher
- a definite hedge against the weather saves more leaves higher protein con tent enhances palat- ability of hay easy to apply with Gandy Applicator
- less problems with Gandy Applicator
- non-toxic to live- stock non-corrosive to the baler
- it really works on square bales, round bales and stacks

Silo Sym Your Forage Guardian

Silo Sym can also be applied on haylage. For more information and special early order prices on Silo Sym and Gandy Applicators, write or call us collect.

See Us At Ag Progress Days

Area Field Consultants	
John Peachy RD 2, Box 73 Mifflinburg, PA 17844 PH: 717-966-0465	Harold Eby Rt 3, Box 159 Clearville, PA 15535 PH: 814-767-9651
Dan Martin RD 1 Box 395-8, Black Creek Dev East Earl, PA 17519 PH: 215-445-7161	Casey H. Smail RD 4 Box 437 Blairville, PA 15717 PH: 412-459-5008
Regional Field Consultant Leslie Yoder RD 2, Parksburg, PA 19365 PH: 215-857-3744	

Symo-Life, Inc.
Home Office
Star Rt.-Millersburg, Ohio 44654
Telephone 215-893-2732

Inter-State Welcomes You To Ag Progress Days

Visit our booth in the dairy tent and see how Inter-State has helped dairy become the largest agri-business in Pennsylvania.

Inter-State Milk Producer's Cooperative

Serving 3,100 Mid-Atlantic dairy farmers daily.

INTER-STATE IMPCO MILK PRODUCERS COOPERATIVE

215-322-0200

Acidified milk replacer reported

ROARING SPRING — A new acidified milk replacer is now available from Young's Livestock Nutritional Services, of Roaring Spring.

The product, called Early-Gro Ad Lib Formula milk replacer, is mixed with cold water and contains organic acids and preservatives that allow calves unlimited access to the product through a nipple teeding system, according to Mike Galbraith, specialty products coordinator for Young's.

"Field tests have shown that calves on this program gain as much as 30 to 40 pounds more than those that are bucket-fed," he said. Hand mixed and stored in a plastic container, the acidified milk replacer stays in proper condition for up to three days.

Overfeeding is not a problem with this method because the combination of cold water and the acidified milk replacer restricts intake during feeding periods, yet allows calves to eat as frequently as they desire, Galbraith said.

"These more-frequent feedings with less intake at each feeding help maintain the stomach pH at 5.0 or lower, improving the efficiency of the protein-digesting enzymes in the stomach," Galbraith said. "The digestion process in the small intestine is enhanced. Also, adverse pathogens do not grow well under acid conditions so there is less chance for problems such as scours."

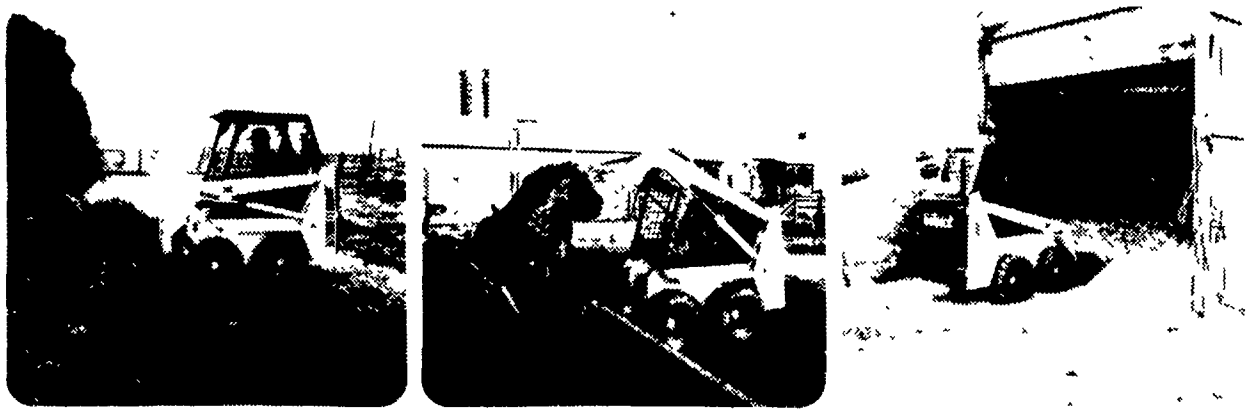
This simple feeding system requires only a nipple set-up, tubing and a large plastic container to hold the mixture, said Galbraith. Nipples are placed inside a pen designed to hold up to six calves and always have milk replacer in them to keep calves from sucking air.

"The proper placement of nipples allows calves to simulate their natural eating position," said Galbraith. "This helps stimulate the proper closing of the esophageal groove. In addition, suckling produces about three times as much saliva as does bucket-feeding, important tot he initial digestion of fat in the abomasum."

Early-Gro Cold Ad Lib Formula milk replacer now is available through Young's field representatives, Galbraith said.

bobcat®

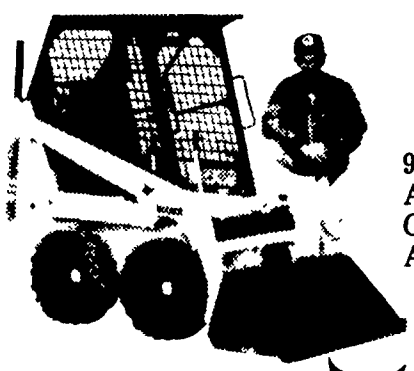
...High Performance And Reliability For Farmers



7:00 am | 8:35 am | 9:27 am

10:17 am | 11:02 am | 2:42 pm

4:10 pm | 4:35 pm | 6:19 pm



All in a day's work!

The all new hydrostatic 400 Series

9 Series, 17 Models,
Air or Liquid Cooled,
Gas or Diesel, Skid-Steer and
Articulated.

11.75% INTEREST from Clark Equipment Credit

SEE THE BOBCAT DISPLAY AT AG PROGRESS DAYS, LOC: EAST 2nd ST.

CLARK bobcat® DEALERS:

Carlisle, PA
PETERMAN FARM EQUIPMENT
717-249-5338

Chambersburg, PA
CLUGSTON IMPLEMENT INC.
717-263-4103

Harrisburg, PA
HIGHWAY EQUIPMENT & SUPPLY CO.
717-564-3031

Hatfield, PA
LCL CONSTRUCTION EQUIP. SALE CO.
215-362-2510
Wilmington, DE
302-998-0128

Honey Grove, PA
NORMAN D. CLARK & SON INC.
717-734-3682

Martinsburg, PA
BURCHFIELD'S INC.
814-793-2194

Myerstown, PA
SWOPE & BASHORE INC.
717-933-4138

Slatington, PA
SCAT ENTERPRISES INC.
215-767-1711

Mill Hall, PA
DUNKLE & GRIEB
717-726-3115

Palm, PA
WENTZ FARM SUPPLIES INC.
215-679-7164

Tunkhannock, PA
BARTRON FARM SUPPLY
717-836-3740

Quarryville, PA
GRUMELLI'S FARM SERV.
717-786-7318

Rising Sun, Md.
AG-INDUSTRIAL
301-658-5568

Woodland owners to meet

LANCASTER — Do you own woodlands? Can they be made more attractive to wildlife? What about harvesting - what kinds of trees should be harvested and when? How much is timber worth and what kinds of things should be considered before selling your timber?

At some point in time, most landowners seek answers to these kinds of questions. Unfortunately, the answers are not always easy to find. In a few short weeks, however, woodland owners in southeastern Pennsylvania will be able to find answers to these and other questions at the Woodland Owners Conference scheduled for Saturday, Sept. 29, at the Holiday Inn, located in Ephrata. The conference is being sponsored by the Berks County Conservation District, several other area Conservation Districts, and the Pennsylvania Forestry Association.

Subjects which will be discussed include: forest management practices for timber production and improved wildlife habitat; how to sell timber; factors that determine the value of standing timber; where to find forestry assistance; gypsy moth problems and more.

The program will begin at 9:15 a.m., with final registration and coffee and donuts available from 8:30 a.m. on A buffet lunch will be served at noon, and since space is limited, it will be necessary to register in advance for this event. Registration cost is $12.00 per person, $9.00 for each additional Family member. This fee includes the buffet lunch, coffee and donuts and a Woodland Owners Information Package.

Registration forms and further information is available from the Berks County Conservation District office, County Extension office and also by calling or writing to the Pennsylvania Forestry Association, 410 East Main Street, Mechanicsburg, Penna., 17055; (717) 766-5371.

Space is limited so don't delay, register as soon as possible. Registration will be open until September 13th, as long as space is available.

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
ROGER VANDRUFF
(412) 627-5484
Also See Ad On Pages B24 & 25

Youths honored at Butler Fair

(Photos by Barbara Rader)

BUTLER — Thirty-six awards to Butler County 4-H and FFA members were presented July 27 at the Butler Fair's first Youth Awards Program.

The awards went to young people who had taken top honors in livestock and home and garden competition throughout the week of the fair. In the shape of a keystone, the awards bear a metal plate in the form of the state of Pennsylvania.

Rick Dunn, RD 3, Chicora, took away three of the plaques. He won the senior division in sheep fitting, and had both the grand champion and reserve grand champion market lambs.

Scott Longdon of 741 Meridian Rd., Renfrew, was recognized as winner in the senior division of sheep showmanship and of swine showmanship. His brother James won the award for junior division in swine showmanship.

The Kennedys of RD 6, Butler, took four awards. Jeff won the senior division, dairy showmanship. John was winner in junior division, dairy showmanship, and had the reserve grand champion market hog. Jill had the dairy reserve supreme champion — all breeds.

Wayne Schmidt, RD 3, Evans City, received the award for livestock judging, junior division, as well as the junior division for swine fitting. Tracy Schmidt took top honors in the senior division, swine fitting.

Buddy Greenert of Eau Claire was the senior division winner in beef showmanship, and he had the reserve grand champion market steer.

Sisters Mary and Becky Specht of RD 2, Mars, won the senior and junior divisions, respectively, in horse and pony grooming and showmanship.

Chestnut Lane Dancing Charm was named the supreme champion over all breeds in dairy cow competition at the Big Butler Fair. Holding the champion Brown Swiss is James Kennedy, father of the cow's owner, Jill Kennedy. Butler County dairy princess Janet Jones displays the banner presented by Agway Petroleum Corp.

Woodside Farm, Waynesburg, showed the grand champion shorthorn at the Butler Fair. Posing with Woodside Cynthia Rose 8th are Woodside's show manager Corky Johnston at halter and show judge Greg McKean with the banner donated by Citizens National Bank.

Winning the senior division showmanship award for rabbits was Becca Merbach of RD 1, Saxonburg, who also had the grand champion for all breeds in rabbit competition.

Lisa Schultheis of Connoquenessing won the senior division for livestock judging. Craig Miller of Cabot and Amy Kline of Mars took awards for senior and junior division wins in dairy fitting. Tammy Lyons of Connoquenessing had the grand champion for all breeds, dairy cattle.

The beef fitting junior and senior division awards went to Wayne Hindman of RD 4, Butler, and William Foertsch of RD 4, Butler, respectively.

Tom Bleicher of 427 Preston Dr., Butler, was recognized for his grand champion market steer. Winning the junior division in beef showmanship earned an award for Frank Granberry of RD 2, Zelienople.

Dan Felitsky of 271 Shannon Rd., Renfrew, won the junior division, sheep fitting, and William Price, RD 2, Mars, won the junior division, sheep showmanship.

Shawn Gilliland of 303 Reiber Rd., Renfrew, was awarded a plaque for having the Grand Champion market hog.

The plaque for junior division,

(Turn to Page D29)

Gossett
Livestock Pre-Mixes

See Us at AG PROGRESS DAYS
We are located on West 11th Street

We are BIG enough to serve you
and small enough to know you

STOP by and Learn about our

- Free Feed Tests for Customers
- Custom Balanced Dairy Rations
- Pre-Mixes For All Livestock

Certified Nutritionist Available
Warehouse Located In Wrightsville, York Co., PA

AREA MANAGER
Pete Caldwell
RD 1, Windsor, PA 17366
717/246-1046

FIELD SUPERVISORS

Ray Hillard	C. Dervin Hart	Preston Bankert	Ed Yoder	E. Dale Stutzman	Jim Pennel
RD 3 Box 110	RD 4	RD 3	Millers Rd.	RD 1	Loysburg, Pa. 16659
Mifflintown, Pa. 17054	Manheim, Pa. 17545	Red Lion, Pa.	Street, Md. 21104	Fleetwood, Pa. 18420	814/766-3310
717/436-8349	717/665-7471	717/244-1244	301/836-1213	215/944-0126	

Fair

(Continued from Page D28)

rabbit showmanship, was awarded to Lisa Graham of RD 6, Butler, while Sue Stivason of 451 Reimer Rd., Sarver, was honored for her Reserve Champion rabbit.

Open Dairy Show
Ayrshire Grand Champion Female
Tammy Lyons
Reserve
Homestead Acres
Brown Swiss Grand Champion Female
Francis Kennedy
Reserve
Francis Kennedy
Guernsey Grand Champion Female
Coal Hill Farm
Reserve
Maple Point Farm
Holstein Grand Champion Female
George & Peggy Dean
Reserve
George & Peggy Dean
Jersey Grand Champion Female
Craig Miller
Reserve
Craig Miller
Milking Shorthorn Grand Champion Female
William & Wilda Kline
Reserve
Brad Kerr
Supreme Grand Champion
Jill Kennedy
4-H and FFA DAIRY CATTLE
Ayrshire Grand Champion Female
Tammy Lyons
Reserve
Lona Rader
Brown Swiss Grand Champion Female
Jill Kennedy
Reserve
John Kennedy
Holstein Grand Champion Female
Lona Rader
Reserve
Chuck Stephenson
Jersey Grand Champion Female
Craig Miller
Reserve
Craig Miller
Milking Shorthorn Grand Champion Female
Brad Kerr
Reserve
Brad Kerr
Supreme Champion
Tammy Lyons
Reserve Supreme Champion
Jill Kennedy
BEEF OPEN SHOW
Hereford Champion Bull
Park & Paula Findlay
Champion Female
Lisa Brudney
Simmental Champion Bull
Brian Kasbee
Champion Female
Wayne Hindman Jr
Shorthorn Champion Bull
Richard Peoples
Champion Female
Bradley Eisenaenenger
Junior Shorthorn Champion Female
Joan Peoples
Charolais Champion Bull
Arlis Farms, Joan Chambers
Champion Female
Arlis Farms, Marty Chambers
Limousin Champion Female
Pam Peffer
Open Class Market Steers Grand Champion
Wayne Hindman Jr
Reserve Grand Champion
Michael Gardner
4-H and FFA BEEF CATTLE
Limousin Champion Female
Pam Peffer
Reserve
Pam Peffer
Shorthorn Champion Female
John Allen
Simmental Champion Female
Wayne Hindman
Reserve
John Hindman
Grand Champion
Tom Bleicher
Reserve Grand Champion
Buddy Greenert
SHEEP SHOW
Cheviot Champion Ram
Gerald Thoma
Champion Ewe
Gerald Thoma
Corriedale Champion Ram
Gerald Thoma
Champion Ewe
Ken Scott
Dorset Champion Ram
Thomas Trace
Champion Ewe
Brian Trace
Hampshire Champion Ram
Gerald Thoma
Champion Ewe
Gerald Thoma
Merino Champion Ram
Bobby McCrumb
Champion Ewe
Bobby McCrumb
Shropshire Champion Ram
Rex Martin
Champion Ewe
Rex Martin
Southdown Champion Ram
Price Brothers
Champion Ewe
Price Brothers
Suffolk Champion Ram
Joe Hixenbaugh
Champion Ewe
Joe Hixenbaugh
Montadale Champion Ram
Rex Martin
Champion Ewe
Jeff Henry
Columbias Champion Ram
Kevin Clark
Champion Ewe
Heather Leslie
Oxfords Champion Ram
Gerald Thoma
Champion Ewe
Gerald Thoma
Tunis Champion Ram
Greg Bender
Champion Ewe
Greg Bender
Finn Champion Ram
Ken Bender
Champion Ewe
Ken Bender

In sheep competition, this yearling Rambouillet ewe was declared grand champion over all breeds. Show judge Tom Calvert (right) congratulates exhibitor Ken Scott of Pulaski on his win.

Open show grand champion steer was Mr. Winkle, a purebred Simmental exhibited by Wayne Hindman, Jr. Sharing Wayne's proud moment are his father, Wayne Sr. (left) and judge Greg McKean.

Mapleview Ms Veronica 83 was grand champion of the Pa. Junior Shorthorn Show held in conjunction with the Bulter Fair. Exhibiting the early spring yearling heifer is owner/breeder Joan Peoples.

(Turn to Page D30)

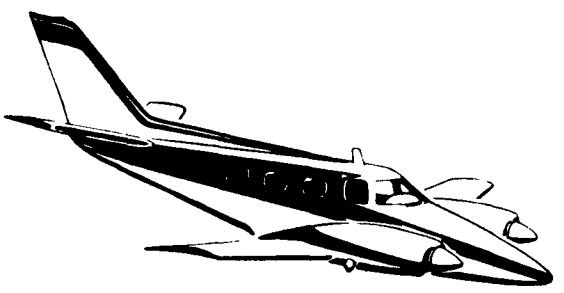
IF YOU FLY TO AG PROGRESS DAYS

C.B. HOOBER & SON INC.

Will Provide FREE TRANSPORTATION

From The STATE COLLEGE AIR DEPOT

To The Rock Springs AG PROGRESS SHOW SITE.



WHERE: Land at State College Air Depot (Old State College Airport)
WHEN: Every Day (August 21, 22 & 23)
HOW: Van Transportation to take you to Rock Springs sites and return you to airport.
VAN SCHEDULE:
8:00 AM to 1:00 PM - Leave Airport every hour
2:00 PM to 6:00 PM - Leave AG PROGRESS every hour.

FLY TO AG PROGRESS

FOR GROUND TRANSPORTATION INFORMATION, CALL C.B. HOOBER & SON INC. 717-768-8231

STEIGER IH KRAUSE IH VERSATILE

Butler Fair

(Continued from Page D29)

Rambouillet: Champion Ram
Ken Scott
Champion Ewe
Ken Scott
Romney: Champion Ram
Thomas Trace
Champion Ewe
Thomas Trace
Market Lambs. Grand Champion
Joe Hixenbaugh
Reserve Grand Champion
Rick Dunn
JUNIOR SHEEP SHOW
Dorset. Grand Champion Ewe
Sarah J McCrumb
Hampshire Grand Champion Ewe
Rick Dunn
Merino Grand Champion Ewe
Bobby McCrumb
Shropshire: Grand Champion Ewe
Amber Leslie
Southdown. Grand Champion Ewe
Joseph Price
Suffolk: Grand Champion Ewe
Ann Kriberney
Junior Market Lambs. Grand Champion
Rick Dunn
SWINE SHOW
Berkshire: Grand Champion Sow
Edward Bartley
Chester White: Grand Champion Sow
Coal Hill Farm
Duroc: Grand Champion Sow
Heather Leslie
Hampshire: Grand Champion Show
June Bartley
Poland China: Grand Champion Sow
James E Reed
Spotted Swine Grand Champion Sow
James E Reed
Yorkshire Grand Champion Sow
Heather Leslie
Tamworth Grand Champion Sow
Coal Hill Farm
Landrace. Grand Champion Sow
Edward Bartley
OIC Grand Champion Sow
Coal Hill Farm
Reserve Grand Champion Sow
Coal Hill Farm
4-H & FFA Livestock Judging Contest
Senior Division Lisa Schultheis, Junior Division Wayne Schmidt
4-H & Vocational Swine
Yorkshire: Champion Sow
Heather Leslie
Duroc: Champion Sow
Heather Leslie
Market Swine: Grand Champion
Shawn Gilliland
Reserve Grand Champion
John Kennedy
DRAFT HORSES
Belgian Grand Champion Stallion
L B Roenigk & Sons
Grand Champion Mare
Vernon Hill
Percheron Grand Champion Stallion
Scheerbaum Stables
Suffolk Grand Champion Stallion
D F Neal

Cornell team gets honor

ITHACA, N.Y. — Cornell University's Dairy Farm Management and Marketing Team has received a 1984 Distinguished Extension Program Award from the American Agricultural Economics Association (AAEA). AAEA held its annual meeting at Cornell University, Aug. 5-8.

Cornell's team was honored for its comprehensive and successful educational program that disseminated information and analytical materials regarding the Dairy Product Stabilization Act of 1983 directly to farmers. Also known as the milk diversion program, the act authorized the federal government to pay subsidies to farmers for reducing their milk production.

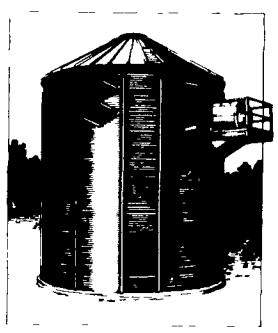
To educate dairy farmers about their alternatives and to help other members of the dairy industry and public agencies understand the probable impact of the act, the seven agricultural economists on the team conducted training schools and an outlook conference, wrote articles for farm publications and Cornell Cooperative Extension newsletters, and developed a television program dealing with the milk diversion program.

The faculty members honored, all in the department of agricultural economics in the New York State College of Agriculture and Life Sciences at Cornell, are: Robert Boynton, Wayne Knoblauch, William Lazarus, Robert Milligan, Andrew Novakovic, Loren Tauer, and Walter Wasserman.

STORMOR

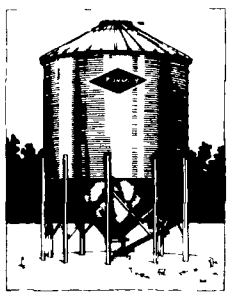
Step Up To Stormor®

Stormor® Grain Bins
• Heavy steel construction • Rock solid anchoring
• Capacities 1 400 to 152 000 bu



Stormor® EZEE-DRY®
• The revolutionary grain conditioning system that doubles as storage
• Dries up to 1 000 bu /hr at 10 pts removal
• Stores up to 22 000 bu

U.S. Patents 3 479 748 and 3 501 845
Foreign Patents Pending



Hopper Tanks
• Double-duty holding wet grain at harvest feed or supplement
• Capacities from 112 to 7 810 bu
• Many diameters and heights to choose from

At Stormor, the quality always comes first!

Call Or Stop Today For Early Order Prices

Henry Forman
717-649-5579

J.L. "Ben" Herr (Salesman)
717-649-5444

FORMAN'S GRAIN & FERTILIZER
Beaver Run Road - R.D. 1, Box 78
Turbotville, Pa. 17772

Two Great Alfalfas

526 Yields, winter-hardiness and Bacterial Wilt tolerance are excellent.

531 High tolerance to anthracnose. Very fast recovery after harvest.

Ask your Pioneer salesman about the alfalfa variety that's right for your farm.

PIONEER® BRAND-ALFALFA SEED

PIONEER HI-BRED INTERNATIONAL, INC.,
EASTERN DIVISION, TIPTON, INDIANA 46072

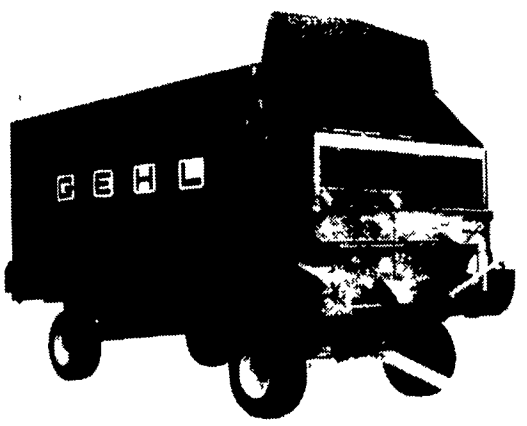
The Limitation of warranty and remedy appearing on the label is part of the terms of sale.
Pioneer is a brand name; numbers identify varieties.
®Registered trademark of Pioneer Hi-Bred International, Inc.
Des Moines, Iowa, U.S.A.

VISIT OUR EXHIBIT AT AG PROGRESS DAYS AUGUST 21, 22, 23

NEW FOR '84

THE GEHL 650 FORAGE BOX

The new Gehl 650 self-unloading forage box gives you high capacity unloading, getting you back to the field fast. Choose either 14 or 16 foot "Box" lengths, both with a large 16" cross conveyor auger that unloads the heaviest loads quickly and evenly. The Gehl 650 - "a great 'VALUE' in a forage box!"



THE BEST JUST KEEPS GETTING BETTER...

GEHL 125 YEARS OF GOOD IDEAS

STOP AND VISIT OUR DISPLAY AT AG PROGRESS DAYS!

GEHL®

Skid Steer Loaders Have Interest Free Waiver Until February 1, 1985
Hay and Forage Equipment Have Interest Free Waiver Until May 1, 1985
Ask Your Dealer About Rebates Instead Of Delayed Payment

PEOPLE'S SALES & SERVICE
Oakland Mills, PA
717-463-2735

A. L. HERR & BRO.
Quarryville, PA
717-786-3521

CLAIR J. MYERS
Lake Road R1
Thomasville, PA
717-259-0453

ARNETT'S GARAGE
Rt. 9 Box 125
Hagerstown, MD
301-733-0515

R.E. SMELTZER EQUIPMENT CO.
RD 2, Box 2
Centre Hall, PA
814-364-1419

J & M MACHINERY
Greensburg, PA
412-668-2276

BENNETT MACHINE CO.
1601 S. Dupont Blvd.
Milford, DE
302-422-4837

NICHOLS FARM EQUIPMENT
Bloomsburg, PA
717-784-7731

STOUFFER BROS. INC.
Chambersburg, PA
717-263-8424

GEO. W. KINSMAN, INC.
516 Main Street
Honesdale, PA
717-253-3440

LEBANON VALLEY IMPLEMENT CO., INC.
Richland, PA
717-866-7518

DAYTON EQUIPMENT COMPANY
Dayton, PA
412-783-6990

UMBERGER'S OF FONTANA
Rt. 4 Lebanon, PA
(Fontana)
717-867-5161

ECKROTH BROS. FARM EQUIPMENT
RT 2 Box 24A
New Ringgold, PA
717-943-2131

MILLER EQUIPMENT CO.
RD 1
Bechtelsville, PA
215-845-2911

ELDER SALES & SERVICE, INC.
RT 1 Box 619
Stoneboro, PA
412-376-3390
412-376-3740

BINKLEY & HURST BROS.
133 Rothsville Station Road
Lititz, PA
717-626-4705

PETERMAN FARM EQUIPMENT, INC.
225 York Rd.
Carlisle, PA
717-249-5338

HINES EQUIPMENT
Cresson, PA
814-886-4183

Bellwood
814-742-8171

Ag economists told to work on edge

ITHACA, N.Y. — Lucinda A. Noble, director of Cornell Cooperative Extension, has challenged agricultural economists involved in extension to work "on the edge" so that they can have the greatest impact as researchers and educators.

"I hope you have the spirit and willingness to work on the edge...for it is at the edges of our professions that new ideas are born," Noble told ag economists taking part in the recent 75th anniversary meeting of the American Agricultural Economics Association (AAEA) at Cornell University.

Noble said that this is a time like no other to take advantage of opportunities to carry out research for the public good, to educate students, and to disseminate research-based knowledge to agricultural and consumer publics.

"Social changes, advancing technology, and the role of agriculture in the national and world economy offer opportunities that have not occurred before in their present magnitude," she said.

More than 1,750 AAEA members met in Ithaca Aug. 5-8 to take part in nearly 100 conference sessions dealing with a wide range of issues. The meeting was hosted by faculty in the department of agricultural economics in the New York State College of Agriculture and Life Sciences at Cornell. The academic, government, and business economics in AAEA have common interests in the economics of agriculture, natural resources, and rural development.

Noble told the AAEA delegates that Cooperative Extension needs to increase the effectiveness of its delivery system in these times of shrinking resources and outside funding.

"Extension professionals at all levels in the system need to be more knowledgeable and skillful in using the most effective program delivery strategies, including electronic technology," she said.

To help achieve these goals, Noble suggested that Cooperative Extension increase its collaboration with the private sector, and expand its network of volunteers.

Noble, who has been director of Cornell Cooperative Extension since 1978, served on the 22-member USDA panel that looked into the future of the federal system. The committee's report — "Extension in the 80s" — made recommendations to guide the future mission, scope, priorities, and policies of the county-state-federal cooperative venture.

Noble added that Cooperative Extension needs both generalists and specialists on its staff to insure that programs developed in the counties that are based on identified needs and carefully selected priorities will continue to be the cornerstone of Extension programs.

"Extension's strength continues to be the involvement of people where they live and work. It is a partnership enterprise in the truest sense of the word," she explained.

In offering her challenge to the agricultural economists, Noble concluded: "It is the people's system and we are the guardians as faculty and program administrators."

Most Advanced Feed Management System On The Market Today

THE INTERROGATOR

Ruggedly constructed and mounted to the front of the feed manger. Takes identification from the responder and sends it to the computer for instant recognition and feeding per the program to the proper cow.

FEED MANGER

Stainless steel for rugged field conditions. All power sources to the feed manger are safe 24 volt AC. Features a cone-shaped feed bowl that fits the contours of the cow's muzzle — therefore allowing no spaces for food to buildup and spoil.

Dual (2) ration feeder to better meet herd needs on an individual basis - ideal for high moisture corn application.

Feed rate @ maximum of 12 oz./min. keeps cows content while feeding - No over feeding and wasting feed.

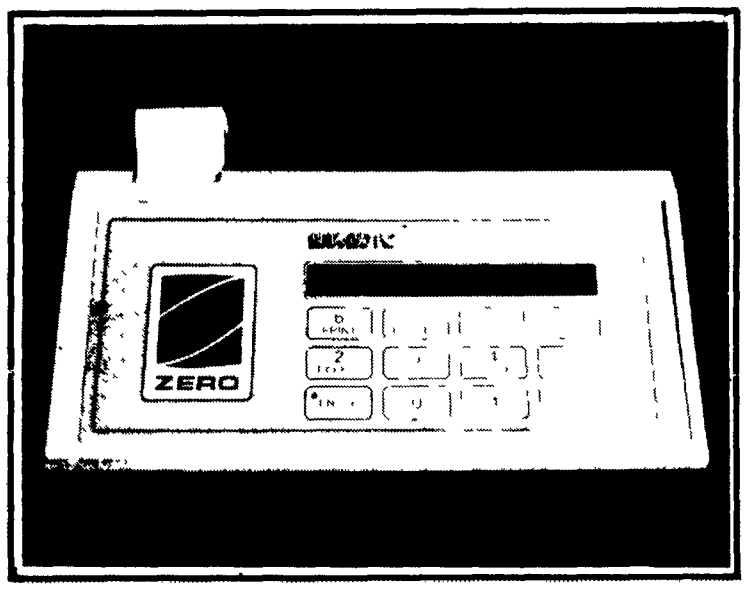
BETA-150 PC

RESPONDER COLLAR

Each cow is identified by a responder worn around the cow's neck. The responder is sealed to tough polyurethane plastic-with no batteries or working parts for an unlimited useful life. Each responder transmits a unique digital code to the interrogator unit. It offers positive cow identification. The responder is built to operate under severe farm conditions, -20 degrees Fahrenheit, and high moisture conditions. The unit is completely sealed.

Serial Port to tie into home computer for more than feed capability - communication is two-way, allowing up-date to each system

- 1 to 6 feed periods programable per day with carry over within the feed periods/6 lbs. maximum intake by animal per visit to a feeder - helps maintain a uniform pH in cows rumen.
- Keyboard lock-out to prevent unauthorized persons from tampering with system.
- Large, multi-function keys are easy to use and read. Each key makes an audible sound when depressed.
- Cow number is assigned to a tag number allowing manager to use numbers which are familiar to him.



- Self-diagnostic program for interrogators and CCU for easy service analysis - shortens down time.
- Exception list prints out every 24 hrs. alerting manager of cows not meeting expected feed consumption
- Lighting protection superior to most systems available today.
- User friendly - take little time to learn operation of C.C.U.
- Thermal printer for clear, concise written reports - very reliable
- Set-up for 255 cows; Add-on memory for additional cows or capability.

SEE IN OPERATION: BETA — 150 PCI (Communicates With Home Computer) This Makes The Beta-150PC Expandable To These Management Programs: • Cow Calendar (Breeding Wheel) • Cow Heifer Inventory • Mastitus Records • Health Records • Milk Production • Feed Costs & Consumption Records • Work Schedules • Other Programs With History Reports Available

ZERO

PENNSYLVANIA

Fickes Silo
Newville
717-776-3129

J.B. Zimmerman & Sons
West of Blue Ball
717-354-4955
Annville
717-867-5143

Howard Martin Refrigeration
Lititz
717-626-6355
Ans. Serv. 717-733-1224

W & J Dairy Sales
Oxford
717-529-2569

Robert Smith & Sons
Waterford
814-796-4233

Matt & Dan Itle
Loretto (Altoona)
814-886-2528

MARYLAND

Laurel Run Farm Supply
Grantsville
301-895-5567

Roger Hornbaker
Williamsport
301-223-9005

OHIO

Zimmerman Sales & Service
Columbiana
216-482-5190

DELAWARE

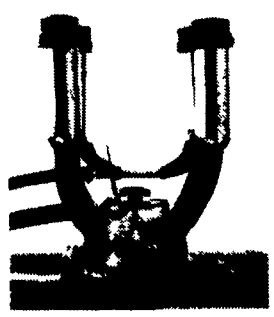
Hiott Refrigeration
Dover
302-697-3050

Regional Sales Manager

Ray Kuhns
67 Roland Ave.
Chambersburg, PA 17201
717-264-3814

ZERO

ZERO OMEGA II MILKER



Draw On Us For Free Hot Water

The Zero $uper $aver uses the heat removed by your refrigeration system to make you money.

The Only Thing We Didn't Put Into Our New Super Z Milk Cooler Was The Milk.

Zero's Super Z. It's the complete bulk milk tank. At least a great improvement on any you've seen before, certainly a revolution in design, and perhaps even the ultimate.

SEE THE ZERO EQUIPMENT DISPLAY At AG PROGRESS DAYS, AUG. 21-23

Located In The Fickes Silo Exhibit On West 10th St.

ZERO

New book features Heebner firm

TELFORD — A book written by a Telford man on a pioneering manufacturer of farm machinery in Pennsylvania will be available for the first time at next week's annual Rough and Tumble reunion at Paradise.

The book, written by Francis Blase Jr., of County Line Road, Telford, is entitled "Heebner & Sons, Pioneers of Farm Machinery in America, 1840-1926."

The book centers on the Heebner & Sons firm of Lansdale and covers nearly a century of operations from the days when ag mechanization first dawned on a large scale to the start of giant assembly line production.

Blase has worked on the history for the past four years. The book is in two parts — one dealing with the history of the Heebner firm and the other containing an illustrated description of many of the pieces of farming machinery it manufactured.

The book will also be available at the 250th anniversary celebration of the Schwenkfelders this fall. David S. Heebner, who founded the firm, was a Schwenkfelder.

Among the many contributors of help in

Francis Blase Jr.

putting the book together, according to Blase, were Samuel Kriebel and son, Roger, of Mainland, of Schwenkfelder descent, collectors of old farm machinery; The Landis Valley Farm Museum and Hatfield Packing Co.

Sam Kriebel, of Mainland, operates "The Pennsylvania," a stationary thresher manufactured by Heebner & Sons of Lansdale.

Level-tread mill powered by a horse was invented by Heebner & Sons in 1872 and received the Gold Medal at the 1876 Centennial Celebration in Philadelphia for the best example of horse power.

Cornell Mfg., Inc., Laceyville, Pennsylvania, will again display its operating Barn Cleaner model featuring the famous 5/8-inch round oval steel link chain. Ask how a Cornell 16 bu. Feed Cart can be yours FREE!

In the Wood Splitters part of the exhibit, check-out the once in a lifetime deals now being offered on our complete line of models.

The VanDale line of silo unloaders and feeding systems will also be represented. See Cornell VanDale Dollar-Dealing-Days at the show.

Stop by and say hello to Clete Bolton.

The Link to successful CORNELL Performance

READ LANCASTER FARMING FOR COMPLETE AND UP-TO-DATE MARKET REPORTS

MQuality Building Systems

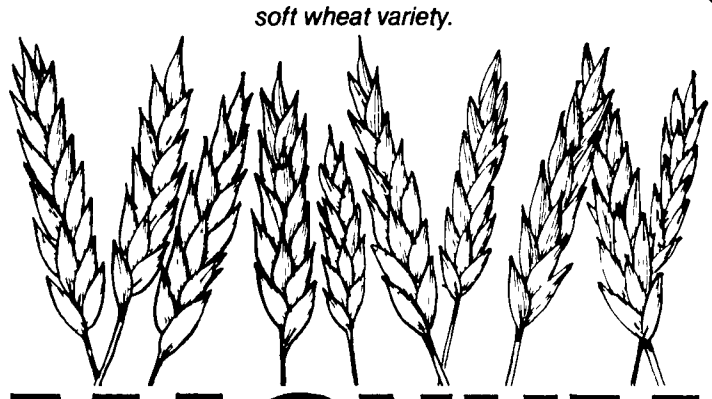
7 KEENER RD., LITITZ, PA. 17543
PH: (717) 626-5204

MERVIN MILLER

YOUR RELIABLE BUILDER
• DAIRY • BEEF • SWINE • POULTRY
• HORSE BARNS • ALL PURPOSE BUILDINGS

SKID LOADER & BACKHOE SERVICE
INSTALLATION WATER & SEWER LINES

New northern soft wheat variety.



MAGNUM

Bred for high yields, disease and pest protection.

Proven high yields in extensive tests, Magnum has outyielded Arthur 71, Hart, Roland and Pioneer S76 from 3 to 5 bu./acre. Magnum has also outyielded new varieties such as Caldwell, Fillmore, and Pioneer 2550. Excellent test weights, too.

Early maturity, combined with good winterhardiness for dependable top production. Excellent test weights.

Short, strong straw. Excellent all around disease protection.

Order certified Magnum today.

ROHRER & BRO., INC.

WN, PA PH: 717-299-2571

AGRIPRO™

Agrip Mission F

k of North American Plant Breeders Inc P.O Box 2955
limitation of warranty and remedy on each bag of Agripro
rt of the terms of the sale thereof 4 1980J

Pennsylvania AG PROGRESS DAYS

Stop At Our Booth During Ag Progress Days

Let FMC Leasing Work For You

Free Tote Bags

Leasing is a practical and economical management tool used to meet your equipment requirements without substantial cash flow interruptions.

★ 100% Financing Available
★ Guaranteed Ownership
★ Affordable Rates
★ Payments Fully Deductible For Tax Purposes
★ Preserves Bank Credit Lines For Daily Operations

FMC Finance Corporation Offers Nationwide Financial Services to Agricultural, Industrial, Municipal Accounts

FMC

FMC Finance Corporation

2050 No. Broad Street - Box 808
Lansdale, Penna. 19446
(215) 368-6700

ROUGH & TUMBLE

ENGINEERS HISTORICAL ASSOC.
U.S. 30 at Kinzer's, 13 Miles East of Lancaster, PA

STEAM & GAS ENGINE SHOW

August 22, 23, 24, 25, 1984

The Shay - Early 1900's Steam Powered Logging Locomotive With Added Observation Car.

Bus Groups Welcome

Ample Bus Parking

DAILY PROGRAM

7:00-9:00	Breakfast - Kinzer Fire Co. Bldg./Coffee & Rolls at Farm House
10:00	Official opening ceremonies
10:30	Machinery in operation
11:00	Talk on R & T artifacts - tent near farm house
12:00	Noon whistle blow
1:00	Pageant of Threshing - inside Little Toot Railroad circle
1:30	Threshing by Steam Powered Threshing Rig west of speaker's stand
2:30	Talk on R & T artifacts - tent near farm house
3:00	Weekdays - Corn Harvesting Demonstration north of gas engine exhibit area (growing season permitting)
3:00	Saturday- Quilt auction at speaker's stand
3:30	Grand Parade - Grand Stand Area
4:30-6:30	Supper served, Kinzer Fire Co. Bldg.
6:30	Evening program begin: Grand Stand Area
	Wednesday - Pageant of Threshing
	Thursday - Square Dancing with WARREN MERCER and his Royal Ramblers
	Friday - Steam Games Saturday - Hymn Sing Along

36th OLD THRESHERMAN'S REUNION

The Most Complete Show East Of The Mississippi

ADMISSION: Adults - $3.00; Children 6 - 12 - $1.50

SPECIAL EXHIBIT

J.I. Case Co. Agricultural Equipment, 1910 to present. Exhibit area - north of Steam Engine Bldg. A taped history may be activated by visitors to hear the Case Steam threshing machines and later inventions of this pioneer inventor/manufacturer.

J.I. Case's Great-Granddaughter Will Be Our Special Guest For Friday, August 24th And Saturday, August 25th

IT PAYS TO STAY WITH THE TRACTOR SPECIALISTS!

case **Case Pioneered The Way...**

The Original Manufacturer Of The Steam Traction Engines
To Todays Leader In The Field!

case **J.I. CASE COMPANY** case

Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

INSURANCE

Insurance can be a beneficial estate planning tool or a drag on an already short money supply. If you have an insurance agent who knows his or her product and is genuinely concerned about your personal and business goals, you could have a good program. The insurance industry has changed dramatically in the last few years. Many agents have finally come to grips with the needs of the modern farm business. Gone is the feeling that only whole life insurance is any good.

The main questions a farm manager now has are:

1. How much insurance should we have?
2. What kind of insurance would best meet our goals?
3. What are our overall goals?
4. Who should be the insured, beneficiary and owner of the policy?
5. What is its cost?

How To Buy

It is easy to buy insurance, but it is difficult to decide on a sound insurance based package. A sound insurance based package should first determine what you can afford to spend on insurance. Then what do you want it to do for you or your family. Then decide is it a temporary thing or do I want it for as long as I live. Finally how does it fit in with your total business plan? A good insurance professional can help you line this up, but you should make all major decisions. Do not give up if the first time around the available money is not enough to buy the amount needed to cover your personal and business goals. Look at it the same way you do for other challenges. If it doesn't fit let's take it apart and start over. Perhaps you don't need all of the insurance proposed all of your life. Size of debts change, number and needs of dependents change, the business itself changes, and you change.

Suggestions

Buy For Needs - buy some insurance for temporary needs such as term insurance to cover a critical time period. Buy other insurance for longer term - perhaps level term or one of the insurance plus investment packages such as Universal Life.

Tax Consequences

If you are the insured and owner of a policy, it will be part of your taxable estate. However this will be of small consequence if your spouse is the beneficiary and lives longer than you. It could cause tax problems upon the death of the spouse. Buy insurance with you as owner and spouse as beneficiary while the family is young and farm has lots of debt. Then you can decide later whether to continue as is, gift policy to spouse, or make a child or a trust the beneficiary.

Secondary Beneficiary - always have a secondary beneficiary for your policy. They would only collect if the primary beneficiary died before you. It would save a 6 or 15 percent Pennsylvania inheritance tax.

Ask Questions - a competent insurance agent should be willing and able to answer your questions in a way that you can understand. Some of the questions you might ask are:

1. What is the annual premium cost? Is there an initial fee? If so how much? How much of the premium goes to the sales charge?
2. What are the historic dividends (don't be fooled by projected or oral dividends or returns)? What is the interest rate paid on accumulated dividends?
3. What cash value does the policy acquire? Can it be withdrawn? How? At what cost? Where is this in writing?
4. Is the company rated by A.M. Best? (if so you can probably look it up at the local library). Some companies receive a lot of fancy publicity in popular magazines or newspapers. The founder or president may be an acquaintance of the reporter or writer. Publicity in the "popular press" is usually worth very little.

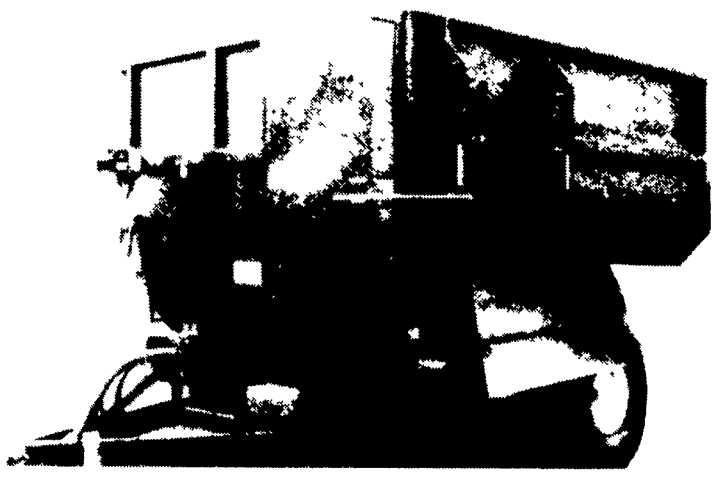
What are the advantages and disadvantages of the many types of insurance the agent sells? (term, whole life, term + investment, etc). If the agent sells one type perhaps you should look further.

6. How is the agent paid - by salary or commission? What are the agents credentials? How much training and experience has the agent had?

Shop Around - you don't usually shop at one store so feel free to talk to several insurance agents. Don't be afraid to show one agent the proposal from another one. Rival agents may help to pick out the weaknesses of a policy including their own better than anyone else.

JOSEPH SWANTAK, INC.

DISTRIBUTOR
H.C. 64, Box 93, Delhi Stage Oneonta, N.Y. 13820
PHONE 607-432-0891



Quick Mixer

Its revolutionary rotor/auger mixer package is an engineering first, combining 20 years of feeder mixer knowledge with the original auger mixer along with rotor mixing experience from Canada, England and the United States.

CHECK THESE UNIQUE FEATURES:

• Faster, more even mixing • No dead spots • Takes LESS horsepower • No discharge conveyor problems • Fewer bearings & sprockets • More capacity per foot • Mixes waste materials • Mix 80 lb. bales (no grinding) • Less maintenance in time and dollars • Less horsepower allows a smaller power unit. • Save horsepower on bigger bales with coarser grind • Less damage to flakes

- Ber-Vac Snow Blowers
- Eurobeton Cement Mixer
- Eurospand Fertilizer Spreaders
- E-Z Calf Hutch
- Hydraulic Dump Trailers
- Innovative Mixer Feeders
- Portable Barn Fans
- Roll-A-Bout Hay Feeders
- Rovibec Bedding Choppers
- Running Gears
- Valac Hay Racks
- Verhatile Stock Racks
- Wagon Snagger
- Wooden Feeder Box

— ALSO —

Sales Representative For

B. & R. CHOINIERE LTEE

Manufacturers Of The Original **DION**

- **Forage Boxes**
- **Forage Harvesters**
- **Forage Blowers**
- **Running Gears**

See Us At

AG PROGRESS DAYS

Located West 9th Street

FOR MORE INFORMATION

List the products you are interested in and mail coupon to: Joseph Swantak, Inc., H.C. 64, Box 93, Oneonta, N.Y. 13820.

Product: _____

_____

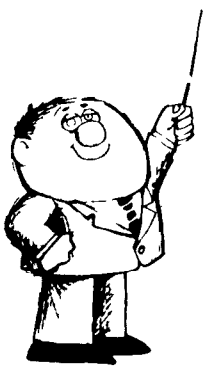
Name: _____

Address: _____

_____

Telephone: _____

LF AUG 84



A LESSON WELL LEARNED...

LANCASTER FARMING'S CLASSIFIED ADS GET RESULTS!

Phone:
717-394-3047
or
717-626-1164

September 8 and 9, 1984
17th Annual Harvest Fair
and
14th Annual Horse Plowing Contest

Saturday 10 a.m. to 6 p.m. **Sunday Noon to 6 p.m.**

Admission: $2.00 for adults - $.25 for children (Special rates for groups and senior citizens)

Schaefferstown, Pa. on Rt. 501 - South of Traffic Light.

Antique farm equipment will be in use during the fair.

Activities on Saturday include horse plowing contest, tread power, corn grinding, ring power, road grading and log loading. Sunday's activities include horse pulling events, plowing with 8 horse hitch, and a covered wagon 6 to 20 mule hitch.

Both days will feature cider making with steam power, operation of 100 year old saw mill, and demonstration of a large mule team. For more information on horse events, call (717) 865-4171 or (717) 272-5891.

- Added Attraction -

Saturday Evening, 6 until?

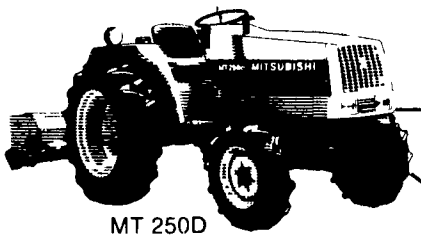
Road Grading, Log Jumping, Plowing and Covered Wagons.

MITSUBISHI

Automatic

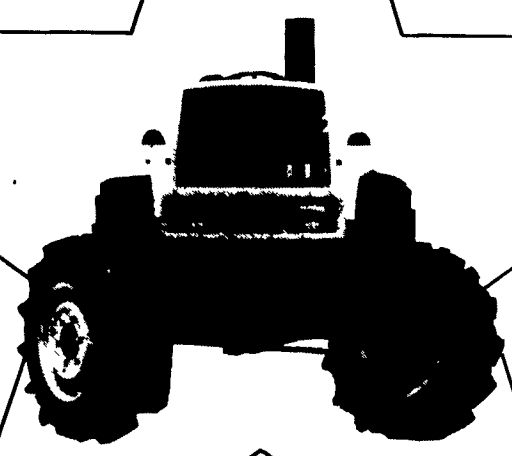
Here are some of the STD. features • Hydro-state (AUTOMATIC) Transmission • 3 cylinder 18.5 H.P. water cooled Diesel engine • Live Multi-speed PTO • Category I, 3 Point Hitch • 12 Volt System • Gauges, Headlights & Flasher Lights • High and low range • Ag or Estate Tires • Position control • Tool box and Tool Kit • And much, much more.

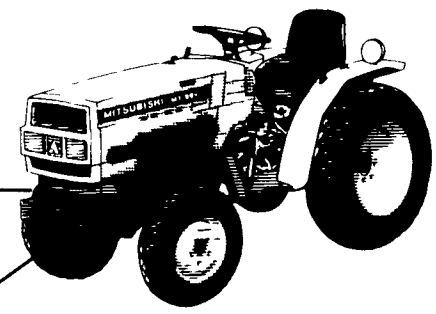
NEW



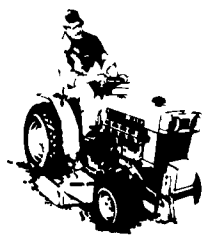
MT 250D

FEATURING:
• Enlarged Operator Deck Space • Synchromesh Transmission • 3 Cylinder Diesel Engine • Category I 3-Point Linkage • Live PTO • 4 Wheel Drive • Draft Control • Power Steering





MT 160/180
3 cyl, 16 5/18 5 H P • 6 forward 2 reverse • Category "I" 3 pt. Rear PTO • Live Hydraulics • 2 or 4 Wheel Drive



Watch for the
MT 372E Special
Next Spring

MT 300

Check this line up of Features
• 3 cylinder 30HP water cooled diesel engine
• 2 or 4 wheel drive • Synchromesh Transmission 9 forward 3 reverse • Differential lock • Live PTO option • Power Steering option • Hand and Foot throttle • Category I, 3-point linkage • Category I multi-speed PTO • High ground clearance • Headlights, flasher lights and gauges • Ag or Estate tires • Wet disc brakes • Tool box and tool kit • And many more standard features

See us at Ag Progress Days

SEE YOUR MITSUBISHI DEALER TODAY

Baer's Lawn & Garden Eq , Inc
2329 Marsh Pike
Hagerstown, MD 21740
301-733 8229

Bob s Weld Shop
R D 1
Lewisberry PA 17339
717 292-3640

Jeffrey L Carns
R D 1, Box 266A
Clearfield PA 16830
814 765-5684

C C Conaway, Inc
P O Box 1335
Elkins, WV 26241
304-636-0570

Eastern Service Corporation
106 Wash St , Bx 756
Cambridge, MD 21613
301-228-0300

Allan Hart & Sons
R D 2, Custards Rd
Cochrantown, PA 16314
814 425 8315

Headley Farm Machine Sales
R D 4
Washington, PA 15301
412-222-1488

Howard s Lawn & Garden Eq
Rt 1 Hanford City
Sistersville, WV 26175
304-652-4221

Paul Johnson Service
R D 1
Turtlepoint, PA 16750
814-642 7382

James D Kaurudar
R D 1, Box 103
Roaring Spring PA 16673
814 224-4056

Keys Recreational Vehicles
R D 1
Reynoldsville, PA 15851
814-328 2222

Lawn Care of Pa
Box 25
Martindale PA 17549
215-445-4541

Lincoln Supply Company
P O Box 116
Boswell PA 15531
814-443-1691

Chas J McComsey & Sons
7603 Hickory Hill Road
Oxford, PA 19363
215-932-2615

M A C E Inc
Route 12, Box 244
Morgantown WV 26505
304-292-8355

Manor Motors
R D 1
Penn Run PA 15765
412 254 4753

Miller Equipment, Inc
Box 256A, R D 7
Greensburg, PA 15601
412 539-8966

Myers Farm Service
R D 2 Box 732
Ruffsdale, PA 15679
412-722 3196

D W Ogg Equipment Co
5149 Capstine Road
Frederick, MD 21701
301 473 4250

Shade Gap Mill
Box 672
Shade Gap, PA 17255
814 259 3258

Shamokin Cycle Shop
501 N Rock St
Shamokin PA 17872
717-648 4221

SHUEY'S SALES SERVICE
U S Rt 22
Ono PA 17077
717-865-4915

Smith Motor Company
10800 Philadelphia Rd
White Marsh, MD 21162
301-335-2301

Sterner's Co Lawn & Garden
864 N West End Blvd
Quakertown PA 18951
215-536 5200

Sutliff Motors
R D 2 Rt 487 Box 6A
Benton PA 17814
717-925 6515

Town Country Lawn & Garden
R D 2 Box 412 Big Knob
Rochester PA 15074
412-774 1724

W & W Farm Supply Inc
Box 24 Rt 77
Mullica Hill NJ 08062
609 478 2600

Beiler family sweeps dairy honors

BY MARGIE FUSCO

LAURELTON — Beshore Valiant Jenny Lopez took top honors at the Union County West End Fair dairy judging on Aug. 8. The Senior Champion and Grand Champion in both open and FFA classes is owned by Kenneth Beiler of Clar-Dot Dairy Farm, Mifflinburg.

The Beiler family took a majority of the honors home. Kenneth swept the champions in the FFA category with Clar-Dot Sexation Nancy as Junior Champion, Clar-Dot Dairyman Sea-Red as Reserve Champion, and Clar-Dot Lindy Spice taking Reserve Senior Champion and Reserve Grand Champion.

In the open class, Clarence Beiler's Clar-Dot Milestone Crystal earned Junior Champion and Linda Beiler's Clar-Dot Sooner Rhoda won Reserve Senior Champion and Reserve Grand Champion.

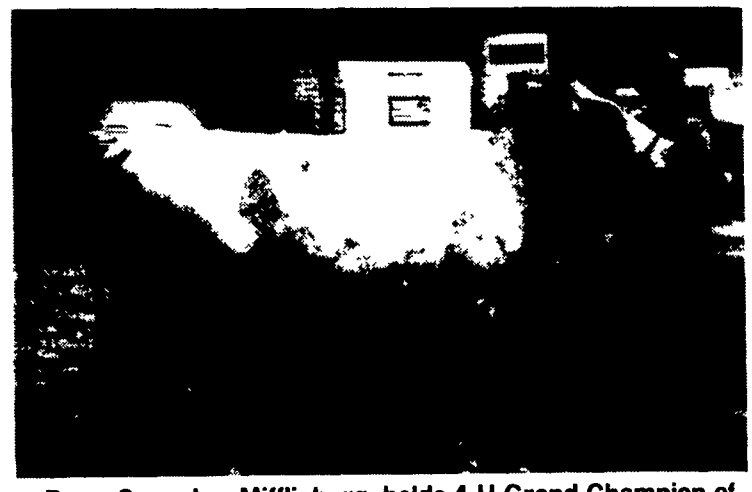
San-Be Farms of Millmont had the open class Reserve Champion winner, San-Be Prexy Vallie. In the 4-H class Barry Spangler's Gene-Mar Art Sunny Daisy took Senior Champion and Grand Champion honors. Kimberly Dietrich's D-A-D Ursa won Reserve Senior Champion and Reserve Grand Champion. Junior Champion went to J&K-Vue Rhonda, owned by Johnathan Boop. Reserve Champion was won by J&K-Vue Astrochief Else, owned by Gerald W. Boop, Jr.

Five Holstein steers were auctioned off to raise money to build a new livestock barn at the Laurelton fairgrounds. The animals were donated by Harmony Springs Farm, New Berlin; Clar-Dot Dairy Farm, Mifflinburg; Lumreek Holstein Farm, Millmont; San-Be Farms, Millmont; and Zi-We's Dairy Farm, Mifflinburg.

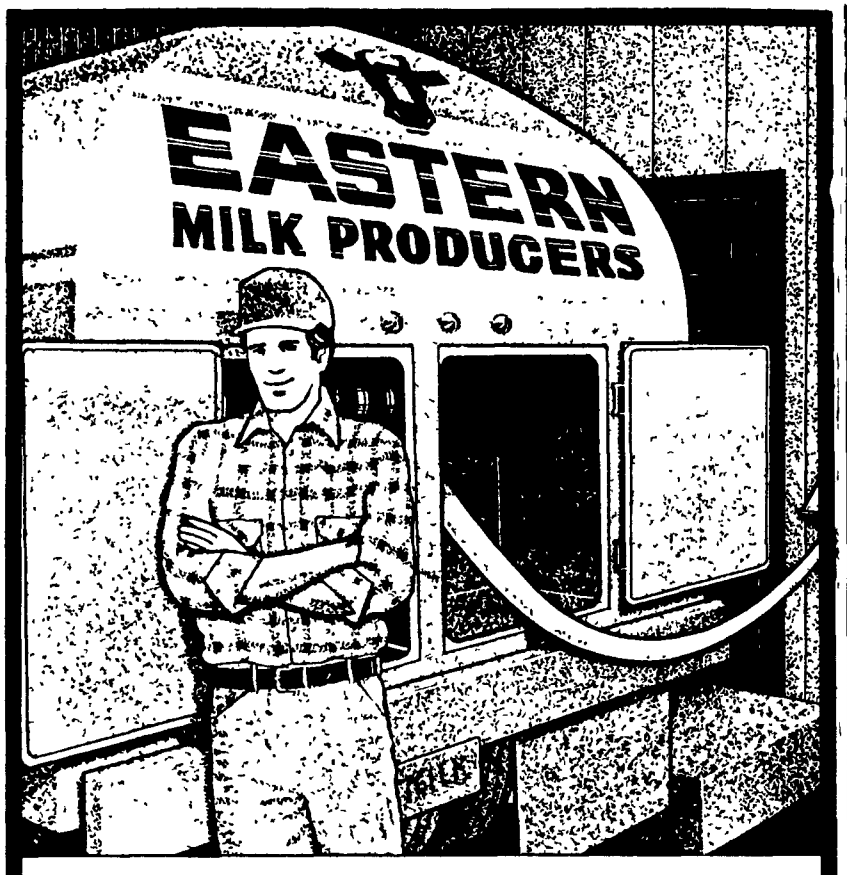
The fair, held Aug. 6-13, drew record crowds. More than 80 dairy cattle were entered in the judging this year.

Kimberly Dietrich, Mifflinburg, with D-A-D Ursa, Reserve Grand Champion and Reserve Senior Champion of FFA competition at West End Fair.

Beshore Valiant Jenny Lopez, with owner Kenneth Beiler, Mifflinburg, won both open and FFA grand championships at Union County West End Fair.



Barry Spangler, Mifflinburg, holds 4-H Grand Champion of West End Fair, Gene-Mar Art Sunny Daisy.



Why Take Chances?

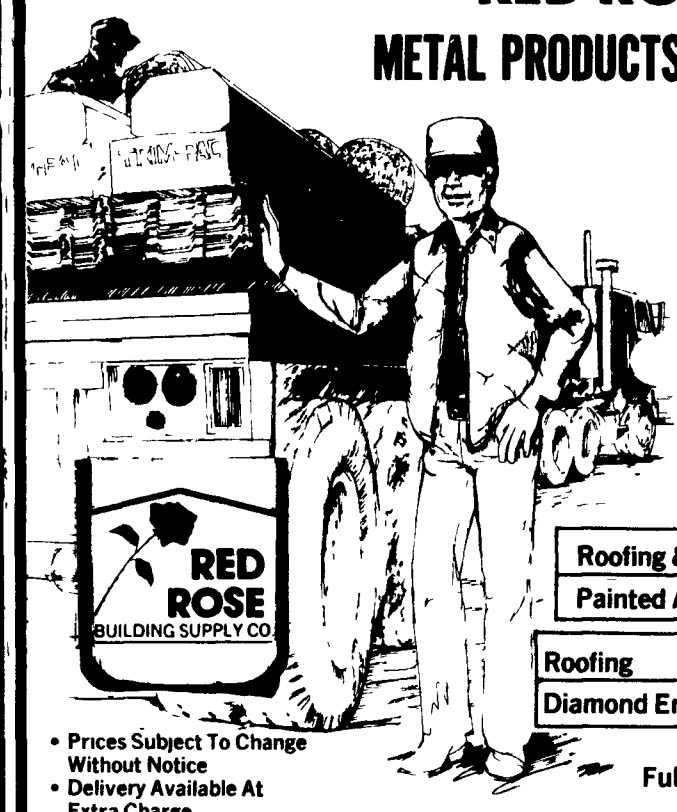
As a dairy farmer, there are a lot of things I have to worry about. Feed costs are up, fuel costs are up, labor costs are up. Many dairy farmers are struggling just to get by.

But I'm an Eastern member. That means there's one thing I never have to worry about - finding a market for my milk. Eastern guarantees me a secure, stable milk market. So I don't have to bet on my family's future.

So why take chances? Stop by Eastern's booth at 1984 Ag Progress Days; find out about Eastern Milk Producers - the smart dairy business decision.

EASTERN
MILK PRODUCERS
COOPERATIVE ASSOCIATION, INC.
Kinne Road, Syracuse, New York 13214

RED ROSE DELIVERS
METAL PRODUCTS & BUILDING SUPPLIES



DISTRIBUTOR
For former Kaiser weatherstrong roofing and siding now rolled by McElroy Metal Mill.

DIAMOND EMBOSSED
And Available In Brown, Sunset Gold, Meadow Green, Ranch Red, White and Buckskin Tan.

Roofing & Siding	10'	12'	14'	16'
Painted Aluminum	$19.63	$23.56	$27.48	$31.41

Roofing	13'6"	15'7"	18'9"	21'9"
Diamond Embossed	$22.51	$25.98	$31.26	$36.27

- Prices Subject To Change Without Notice
- Delivery Available At Extra Charge

Full Line of Accessories Also Available

Treated Timbers	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'
4x6	$9.33	$12.32	$13.88	$17.26	$18.70					
6x6			$20.74	$24.30	$30.17	$33.90	$40.85	$47.55	$75.34	$80.00

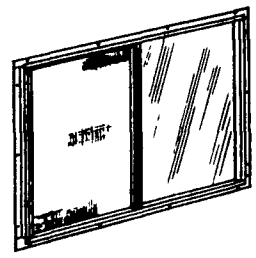
CANNONBALL

Complete Line of Cannonball Sliding Door Systems!

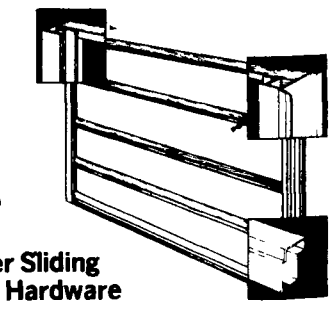
#10 $159.68

#40 $180.73

PRE-HUNG SERVICE DOORS
Turn Upside down, Turn Inside Out, All Out Of The Same Box...
ONE DOOR DOES THE WHOLE JOB!



AGCOM WINDOWS
Heavy Alum. Frame, Self Flashed J-Channel - Ready to Install
46"x27" $42.71 46"x40" $57.06



BIGG FRAME AND BIGG FRAME II SLIDING DOORS
Build Bigger & Stronger Sliding Doors! Plus... Track and Hardware Also Available.

RED ROSE BUILDING SUPPLY CO.
P.O. Box 56, Ephrata, Pa. 17522
Call Collect - 717-738-2401

Cattlemen hold field day-

DOVER — Tours, type discussions, judging contest and panel problem shooting and more, were all part of the South Central Pa. Cattlemen's Field Day. Walter & Nellie Laird of Dover, hosted last Saturday's event.

Although it was a seemingly typical August Day, the hot, humid overcast weather did little to deter the 125 motivated cattlemen. The days events began with a judging contest. Contestants placed 4 classes of cattle which consisted of: a cow/calf class, 2 yearling heifer classes and a market steer class. Bill Holloway and Tim Livingston officiated the contest and gave reasons for the placings.

In the junior division, Jamie Kohr, York, the South Central Pa. Cattlemen's Queen, walked away with 1st place, 2nd went to John Myers, Dallastown; 3rd to Cathy Shive, Seven Valleys; 4th at Aaron Laird, Dover; and 5th to Mike Stermer, East Berlin.

In the ladies division Nancy Myers, Dallastown placed 1st. Brenda Eisenhour, Wellsville was 2nd; Wendy Wise, Sommerset was 3rd, Diana Shive, Seven Valleys, was 4th, and Brenda Trowbridge, Spring Grove was 5th.

In the mens division 1st went to Dave Wise, Sommerset; 2nd to Donald Walter, Airville; 3rd was Don Sunday, York; 4th to Ray Hoover, Mt. Wolf, and 5th to Spurgeon Kimmel, Wellsville. 1st through 5th ribbons were handed out and 1st through 7th received prizes donated by Carnation by Mac McGuigan; Spangler & Sprenkle Feeds by Lorne Detter and Lairds Angus Farm by Walter and Nellie Laird.

Following the judging, Chet Hughes, Lancaster Co. Agriculture Agent and Bill Holloway, Farm Advisor for Glatfelter Insurance Agency, gave a very informative type discussion. Three different tours were available. Field Day participants could observe a Switch Grass pasture seeding, hay silage in a bag, and of course a cattle visitation of the Laird's purebred Angus Cow/Calf operation.

Everyone enjoyed a lunch of beef sandwiches, corn-on-the-cob, potato salad, and watermelon.

Lowell Wilson, Penn State University, gave a presentation and some data on the "silage in a bag". An extremely knowledgeable panel consisting of Bill Rankin, feed lot manager of TriCo Feedlot, Bill Holloway, Chet Hughes, and Lowell Wilson covered "Beef Cattle Management Problems". Discussions ranged from Embryo Transfering to feed lot practices.

On display all day were different equipments, feed, minerals and many other displays.

Troy Fair lists dairy show results

TOWANDA — One of the largest 4-H and FFA Dairy Shows in the history of the Troy Fair was held Tuesday, July 23, with 202 animals being shown. Championship awards were as follows:

Holstein

Senior Champion and Grand Champion Terri packard of East Troy with her three year old Pack Herd Valiant Bev

Reserve Glenn Kline of Leona with his four year old Y Run Marvex Missie

Junior Champion Daniel Hoppaugh of Columbia Cross Roads showing his Senior Yearling, Salter Frosty Salvia

Reserve Junior Champion Jeremy Braund of Wetona with his Senior Calf, Braund Valley Astronaut Rachel

Brown Swiss

Senior Champion and Grand Champion Ellen Cole of Columbia Cross Roads with her four year old high Spruce Beau Loni

Reserve Donald Cole of Columbia Cross Roads with his four year old High Spruce Beau Sonya

Junior Champion Donald Cole with his Intermediate Calf, High Spruce Telstar Sonya

Reserve Junior Champion Ellen Cole with her Senior Calf high Spruce Telstar Lyndsey

Guernsey

Senior Champion and Grand Champion Michelle Wright of East Canton with her five year old WayView Fayvors Cathy

Reserve Stacey Brackman of East Canton with his four year old LeRoydale s Deacon Lynne

Junior Champion Chris Brackman of East Canton with his Senior Yearling LeRoydale s BT Leslie

Reserve Junior Champion Michelle Wright with her Senior Yearling Way View Tex Christina

Jersey

Senior Champion and Grand Champion Jodi Harkness of Gillett with her three year old Bruce Bobbi Jo of Cozy Valley

Reserve Lisa Champman of Columbia Cross Roads with her three year old Windy Acres Sait Darla

Junior Champion Karen Leitner of Troy RD 2 showing her Senior Calf WBA Celias Little Miss Muffet

Reserve Junior Champion Terry Shafer of Wyalusing with his Carletta V C G Carol of JM

Dam-Daughter Classes

Holstein

1 Glenn Kline 2 Elaine Inturrisi

Brown Swiss

1 Donald Cole 2 Ellen Cole

Guernsey

1 Michelle Wright 2 Stacey Brackman

Jersey

1 Brian Watson 2 Terry Shafer

Junior Fitting

1 Craig Harkness Gillett RD1 2 Dwight Heller Canton RD2 3 Amy Packard Troy RD3

Intermediate Fitting

1 Terri Packard Troy RD3 2 Nicole Dalia Towanda RD3, 3 Terry Shafer Wyalusing RD3

Senior Fitting

1 Lori Beardslee Col Cross Roads RD2 2 Donald Jenkins Troy RD2, 3 Elaine Inturrisi Gillette RD1

Junior Showmanship

1 Daniel Hoppaugh, Col X Roads 2 Rosa Bristol Troy RD2 3 Jeremy Braund Troy RD3

Intermediate Showmanship

1 Jay Braund Troy RD3, 2 Terri Packard Troy RD3 3 Nicole Dalia Towanda RD3

Senior Division

1 Lori Beardslee Col X Roads RD2 2 Brian Watson Col X Roads RD3 3 Jay Andrus Towanda RD3

Brown Swiss

Junior Calf- Karen Cole
Senior Calf- Ellen Cole
Junior Yearling- Ellen Cole
Junior 2 year old- Karen Cole
Senior 2 year old Joe Andrus
4 year old- Ellen Cole Donald Cole Jr

Jersey

Junior Calf Traci Cook, Brian Watson
Intermediate Calf- Andrew Harding
Senior Calf- Karen Leitner Terry Shaffer
Junior Yearling- Janie Cole, Joey Bixby
Senior Yearling- David Leitner, Brian Watson
Junior 2 year old- Terry Shaffer
Senior 2 year old- Rodney Chapman
3 year old- Jodi Harkness Lisa Chapman
4 year old- Brian Watson
5 years and over- Lisa Chapman

AG PROGRESS DAYS SALE

KUBOTA®
Nothing like it on earth.™

10.5% APR FINANCING
Available on all New Kubota Tractors and Equipment

ONLY ONE TO SELL
Serial #50114

KUBOTA M7950
4 WHEEL-DRIVE

M-7950 DT 4WD TRACTOR
With Deluxe Air-Conditioned Cab with Cassette/Radio

If you're looking for a 100 horsepower tractor, look at the Kubota M7950 instead It's rated at 76 PTO

But it works more like a bigger tractor Because we build both our own diesel engine and fully synchronized speed transmission, the two are designed to work together perfectly This exact match gives you a lot more pulling power

And equipped with 4-wheel drive, you can get as much as 35% more pulling power So take a look at the new Kubota workhorse, the M7950

List Price	$35,658
Save	11,003
Sale Price	24,655
* August Kubota Cash Rebate	- 800
Net Price To You	$23,855

- Revolutionary diesel engine design is characterized by increased torque rise fuel economy and low maintenance
- New synchronized transmission pro vides excellent shift on the go speeds for fast shifting between forward and reverse (12 forward four reverse)
- Bevel gear design provides sharp smooth turns on 4WD model
- Easily engaged or disengaged independent ' live' PTO @ 540 & 1000 rpm
- Hydraulic three point hitch Category II with lower link draft sensing
- Remote control valves connectable under pressure for quick coupling
- Factory installed cab

1ST COME 1ST SERVED
FREE DELIVERY IN PENNSYLVANIA

Come in now and see our full line of Kubota tractors They re all diesel powered 2 or 4 wheel drive from 10 to 76 PTO horsepower

And we now offer 10 5% annual per centage rate financing from Kubota Credit Corporation when you buy Kubota tractors and implements

Choose either a standard monthly repayment plan or a seasonal plan that fits your cash flow

This interest rate offer is available for a limited time only Come in now and let us explain how you can take advantage of Kubota s finance plan

KUBOTA M6950 4WD
66 PTO HP
w/4 Post ROPS

List Price	$27,888
Save	7,738
Sale Price	20,150
* August Kubota Cash Rebate	- 700
Net Price To You	$19,450

Now there s a tractor that works as long as you do All day without stopping

The new Kubota M6950 has a 26 4 gallon fuel tank and improved fuel efficiency So it can go a full working day without stopping at the fuel pump

And equipped with 4-wheel drive, this 66 PTO hp model gives you up to 35% more pulling power than com parable 2 wheel drive

The new M6950 is a nonstop hard worker

- Revolutionary diesel engine design is characterized by increased torque rise, fuel economy and low maintenance
- New synchronized transmission provides excellent shift on the go speeds for fast shifting between forward and reverse (12 forward four reverse)
- Bevel gear design provides sharp smooth turns on 4WD model
- Easily engaged or disengaged independent "live" PTO @ 540 & 1000 rpm
- Hydraulic three-point hitch Category II with lower link draft sensing
- Remote control valves connectable under pressure for quick coupling

ONE ONLY TO SELL SERIAL #50051

* Rebate during the month of August only or while quantities on hand last.

TWO CONVENIENT LOCATIONS:

ON-THE-SPOT FINANCING With Approved Credit

RISHEL'S Sales & Service

STORE HOURS	SPRING MILLS, PA.	STATE COLLEGE, PA.	STORE HOURS
Mon/Fri 8AM-8PM Tue, Wed, Thurs, Sat 8 AM - 5 PM	(RD 2, Farmer's Mills) Follow our signs from Rt. 45 or Rt. 192 422-8826	1352 E. College Ave. (Millbrook beside Motorcycle Place and State Amusement) 238-7788	Mon, Tue, Wed, Fri 9 AM- 5:30 PM Thurs 9 AM - 8 PM Sat 9 AM - 1 PM

VISA

KEEPING AMERICA ON THE GROW

HOULE
WIC
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
BLAIR THOMAS
(814) 479-7577
Also See Ad On Pages B24 & 25

case

See The Top of The Line Show of Power. . .

At AG PROGRESS DAYS, AUGUST 21-23

Located On West 1st Street

CASE TRACTORS & LOADERS... **THE ADVANCED-DESIGN LINE WITH STRAIGHT-AHEAD DEPENDABILITY**

UNDER 100 HP GENERAL PURPOSE TRACTORS

MODEL	1194 ROPS	1294 ROPS	1394 ROPS	1394 WITH CAB	1494 ROPS	1494 WITH CAB	1594 ROPS	1594 WITH CAB
HORSEPOWER (PTO)	43 (32kW)	55 (41 kW)	65 (48 kW)	65 (48 kW)	75 (55 kW)	75 (55 kW)	85 (63 kW)	85 (63 kW)
FEATURES 12 speed synchromesh transmission	STD	STD	STD	STD	STD	STD	STD	STD
12 speed range power shift	N A	N A	OPT	OPT	OPT	OPT	OPT	OPT
MFD with 12 speed synchromesh transmission	N A	OPT	OPT	OPT	OPT	OPT	OPT	OPT
MFD with 12 speed range power shift	N A	N A	N A	OPT	OPT	OPT	OPT	OPT

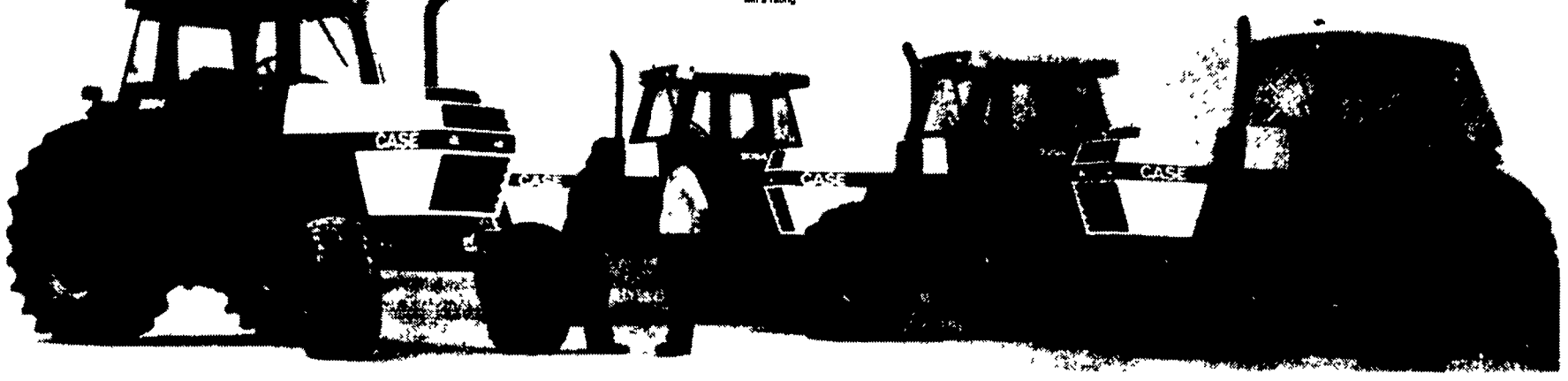
Hard Workers Make It Soft For You

OVER - 100 HP 2 WD

Intelligent Power Passes The Test

	2094	2294	2394	2594
HORSEPOWER PTO*	110 (82 kW)	130 (96 kW)	160 (119 kW)	180 (134 kW)
Engine C I D	504 (8 3L)	504T (8 3L)	504T (8 3L)	504T (8 3L)

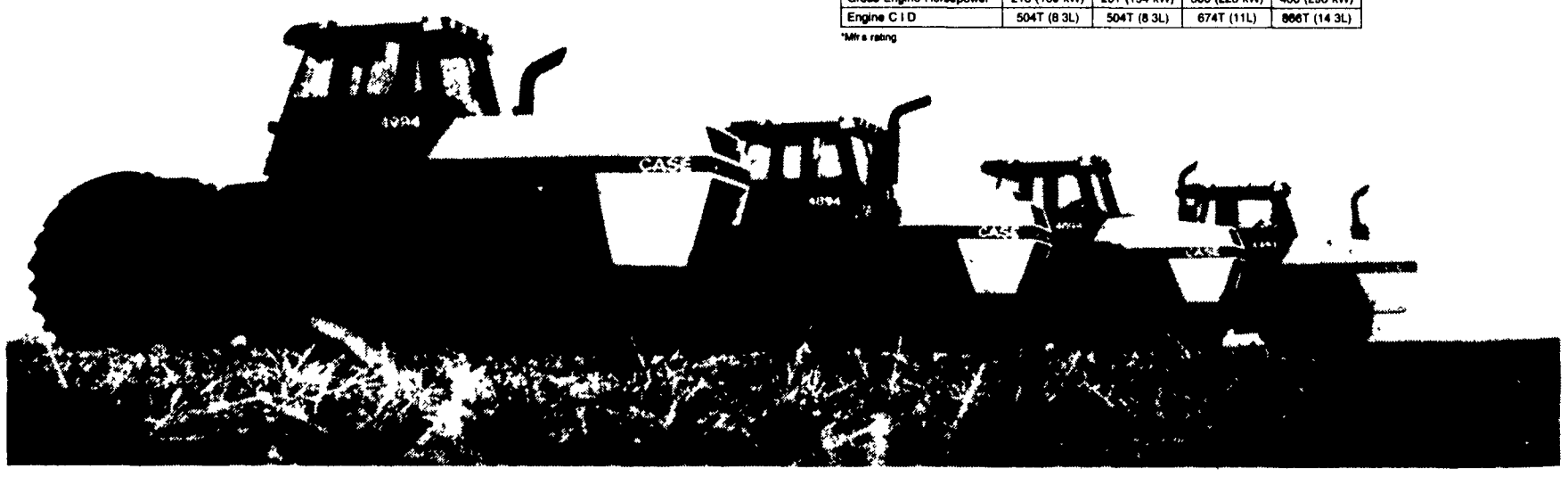
*Mfr s rating



CASE BRINGS INTELLIGENCE AND INNOVATION TO BIG 4WD POWER

	4494	4694	4894	4994
Gross Engine Horsepower*	213 (159 kW)	261 (194 kW)	300 (223 kW)	400 (298 kW)
Engine C I D	504T (8 3L)	504T (8 3L)	674T (11L)	866T (14 3L)

*Mfr s rating



PULLING TOGETHER TO BE

BEST IN THE FIELD™

CASE 3294 CONSTANT TRACTION... READY WHEN YOU ARE, FAIR OR FOUL

MODEL 3294
APPROXIMATE TRACTOR SPEEDS IN MPH AND KM/H AT 2100 RPM
With Standard 12-speed Powershift Transmission

TRANSMISSION RANGE	POWERSHIFT MPH KM/H			REAR TIRE SIZE
	1	2	3 and R	
1	1 9/3 1	2 5/4 0	3 2/5 2	18 4 x 38 R1
2	3 2/5 2	4 3/6 9	5 4/8 7	
3	4 9/7 9	6 5/10 5	8 1/13 0	
4	9 9/15 9	13 2/21 2	18 1/29 1*	

*When the tractor is in fourth range, you cannot operate the tractor in reverse

Uni-Loader... for power-in-hand command

Uni-Loader design eliminates pedal controls. Helps dairymen get their scraping, lifting, dumping and other backbreaking chores done faster and easier, without unnecessary "steps" to coordinate foot and hand movements. Two hand levers control everything — power, speed, direction, loader and bucket functions.

Other productive advantages include hydrostatic 4-wheel drive for smooth going with infinitely variable control. 360° turn capability for getting in and out of pens, out-buildings and other tight spots with ease. Quick parts and service — with dealer access to the Case nationwide network of computer-linked parts depots.

case **THE NUMBER ONE SKID STEER LOADER**

case

SEE YOUR LOCAL DEALER

STOUFFER BROS., INC.
1066 Lincoln Way West
Chambersburg, PA
(717) 263-8424

C. H. WALTZ SONS, INC.
RD1, Cogan Station, PA
(717) 435-2921

PEOPLES SALES & SERVICE
Oakland Mills, PA
(717) 463-2735

BINKLEY & HURST BROS.
133 Rothsville Station Rd.
Lititz, PA
(717) 626-4705

ZIMMERMAN'S FARM SERVICE
Bethel, PA
(717) 933-4114

A. L. HERR & BRO.
312 Park Ave.
Quarryville, PA
(717) 786-3521

E. W. BILEWICZ EQUIP., INC.
Elmer Rd., Richwood, NJ
(609) 881-2692

C. & P. FULTZ EQUIP.
RD 1, Spring Mills, PA
(814) 422-8805

PAUL SHOVER'S, INC.
35 East Willow St.
Carlisle, PA
(717) 243-2686
Loysville, Pa.
(717) 789-3117

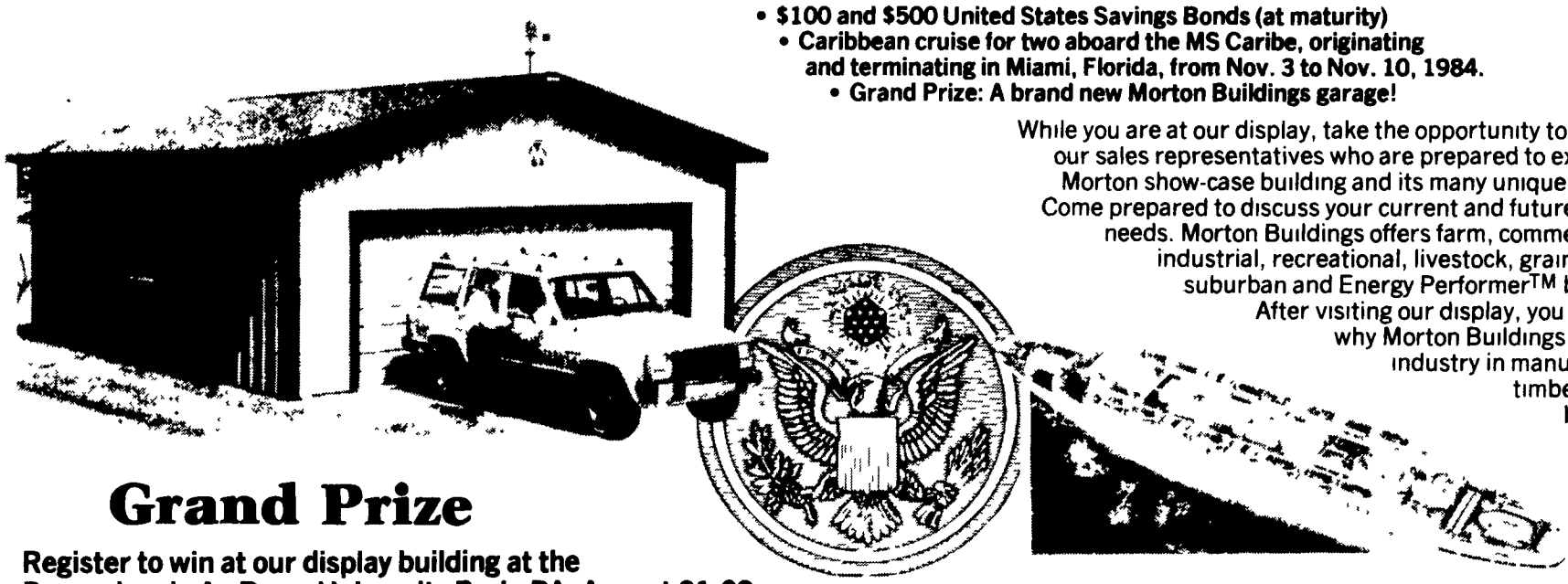
CASE POWER & EQUIP.
Montgomeryville, PA
(215) 699-5871
New Castle, DE
(302) 652-3028

WARNER
Tractor & Equipment, Inc.
Troy, PA
(717) 297-2141

case

You May Be The Winner!

Instant Door Prizes:
- **$100 and $500 United States Savings Bonds (at maturity)**
- **Caribbean cruise for two aboard the MS Caribe, originating and terminating in Miami, Florida, from Nov. 3 to Nov. 10, 1984.**
- **Grand Prize: A brand new Morton Buildings garage!**



While you are at our display, take the opportunity to visit with our sales representatives who are prepared to explain the Morton show-case building and its many unique features. Come prepared to discuss your current and future building needs. Morton Buildings offers farm, commercial and industrial, recreational, livestock, grain storage, suburban and Energy Performer™ buildings. After visiting our display, you will know why Morton Buildings leads the industry in manufacturing timber column buildings.

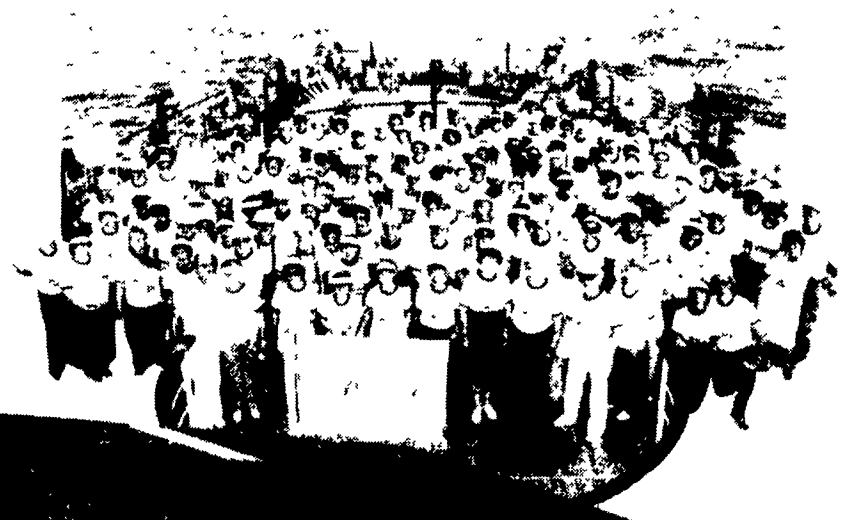
Grand Prize

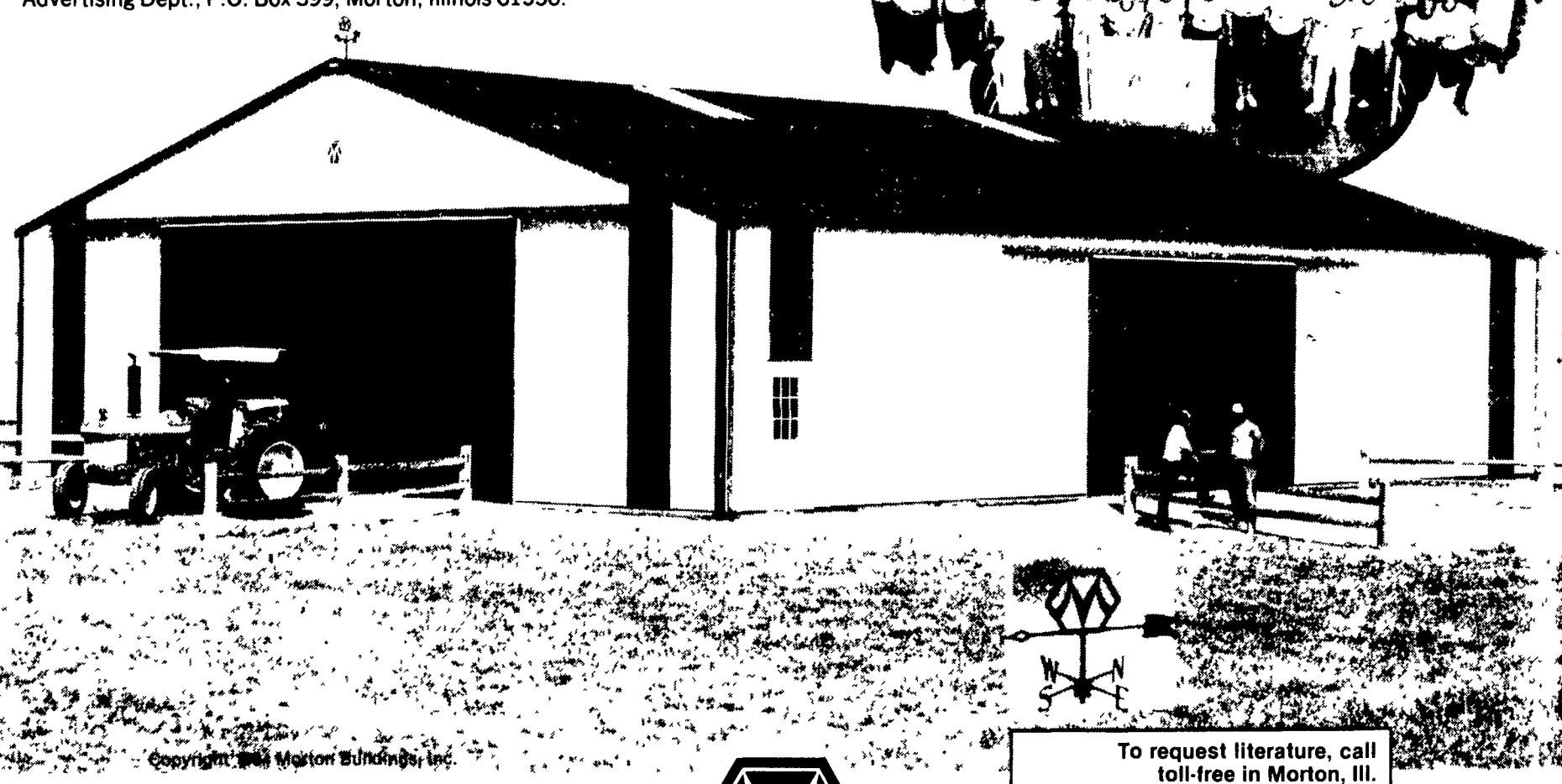
Register to win at our display building at the Pennsylvania Ag Days, University Park, PA, August 21-23, 1984. 2 Bonds and 1 Cruise will be awarded during this event.

The Caribbean cruises and savings bonds ($100 or $500), will be awarded as instant door prizes at the fairs. Door prize winners will draw to determine their own instant prize of a savings bond or a caribbean cruise. These winners will also qualify for the grand-prize drawing, featuring a brand new Morton Buildings garage! No purchase necessary — No mail-in registration accepted — Offer void where prohibited.

A complete list of door prizes and winners will be available after Nov. 1, 1984, by sending a self-addressed, stamped envelope to: Morton Buildings, Inc., Advertising Dept., P.O. Box 399, Morton, Illinois 61550.

"Pictured below are the '83 Happy Cruise Winners!"





Copyright © 1984 Morton Buildings, Inc.

To request literature, call toll-free in Morton, Ill.

800/447-7436

Or call your local sales office. Illinois customers call collect 309/263-2411

Over 80 Years of Service!

$16,912

54′ x 13′ x 90′ Machine Storage Building

- **27′ x 14′6″ Double end door • 22′6″ Double side door**
- **9 Lite walk door • 6 Skylights**

To take advantage of this outstanding offer, your cooperation is necessary with the following: Provide a level building site (our salesman will assist with site preparation guidelines), furnish unloading help, participate in our 3-payment plan (1. Down payment, 2 Delivery payment and 3 Completion payment); and accept delivery and erection at Morton Buildings' convenience. Also note, travel expenses will be added if your building site is more than 50 miles from our sales office

Offer expires August 31, 1984 For a complete explanation of this offer and a tour of Morton Buildings in your area, contact the nearest sales office No tax need be added

1185 York Rd.
Gettysburg, PA 17325..... Ph. 717/334-2168

Rd #10, Box 76
Meadville, PA 16335..... Ph. 814/336-5083

State College, Box 361
Centre Hall, PA 16828..... Ph. 814/364-9500

Box 126
Phillipsburg, NJ 08865..... Ph. 201/454-7900

1918 Industrial Drive
Culpeper, VA 22701..... Ph. 703/825-3633

P.O. Box 187
Harrington, DE 19952..... Ph. 302/398-8100

EXTRA

WHERE'S THE HAY?

DON'T LOOK ANY FURTHER

The Record Alfalfa Yielders
Are Now Available To You!

CIMARRON ALFALFA
1982 Pa. Forage & Grassland Winner 10.2 Ton P.A.

EPIC ALFALFA
1981-82-83 Highest Penn State U.S.D.A. Alfalfa Trials

MAGNUM ALFALFA
1981-82-83 State Trials Record Holder:
Illinois, Iowa, Michigan, Minnesota, Wisconsin

BIG TEN ALFALFA
World Record Alfalfa 2 Year Average 10 Ton P.A.

SHENANDOAH ALFALFA
The New Addition With Top Yield Potential

CONTACT:

TEN TON +
ALFALFA DISTRIBUTORS
Division of Servos Seed Corp.

28 Ringfield Chadds Ford, PA 19317

(215) 388-6039

OR YOUR LOCAL DEALER

ALLEN BAKER
RD 4
Bedford, PA 15522
814-847-2236

FRIEDLINE FEED STORE
Rockwood, PA 15557

GROFFDALE SEEDS
RD 3 Box 698
New Holland, PA 17557
717-656-6295

RAY T. WEIGLE WAREHOUSE
RD 2
Friedans, PA 15541
814-267-3865

KENNETH HOOSE
RD 1
Gillett, PA 16925
717-596-2771

AARON H. MARTIN
RD 2 Box 535
Lewisburg, PA 17837
717-524-2952

HONEYBROOK FARM CENTER
RD 4 Box 346
Honeybrook, PA 19344
215-273-3546

LANCASTER BONE FERT. INC.
Quarryville, PA 17566
717-786-7348

FORRY'S AG SERVICE
2020 Horseshoe Rd.
Lancaster, PA 17601
717-397-0045

REIST SEED CO.
Mt. Joy, PA 17552
717-653-4121

MAUSDALE FARM SUPPLY
RD 2 Box B 66
Danville, PA 17821

RICHARD LEININGER
RD 2
Elizabethtown, PA 17022
717-367-3642

SUNDAYS MILL CO.
RD 1 Box 151A
Carlisle, PA 17013
717-243-5761

ALBRIGHTS MILL
Kempton, PA 19529
215-756-6022

ANNLICK FARM SUPPLY
210 Milford Str.
Port Royal, PA 17082
717-527-4613

LEIBY'S SERVICE CENTER
610 N 7th Str
Lebanon, PA 17042
717-272-2231

R/K AGRI SERVICE
Richland, PA 17087
717-866-5701

WM. STAHL
RD 1 Box 285
Loysville, PA 17047
717-789-3244

UNION MILL SOIL SERVICE
Box 41
Belleville, PA 17004
717-935-2185

GLENN WYBLE CROP SERVICE
FRANK SAVINI
582 N Broad Str
Doylestown, PA 18901
215-348-8951
215-536-2023

CLAPPER FARM EQUIPMENT INC.
Star Rt
Alexandria, PA 16611
814-669-4465

HARRY MICHALENKO & SONS
RD 2
Stockton, NJ 08559
201-996-4101

W. PAUL MASTEN & SONS
RD 2 Box 110
Clayton, DEL 19938
302-653-9668

DISTRICT MGR. JESSE ZIEGLER RD 1408, Womelsdorf, PA 19567 215-488-7372

SEE US AT AG PROGRESS DAYS, Located On East 5th Street

Annual Rough & Tumble reunion provides

KINZERS — There'll be smoke in the air just east of Kinzers on Route 30 Wednesday through Saturday, but don't look for a barn afire. Stop, instead, and join in the celebration of Rough and Tumble Engineers' 36 annual Old Threshermen's Reunion, 9 a.m. to 9 p.m. daily.

There will be engines puffing, trains chuffing, saws whining and much more activity produced by steam power. Old gas engines, gas tractors, a horse tread, water rams and an oxen team round out the display of old-fashioned power supplies. And all of these will be operating for a four-day panorama of activities which reenacts an old fashioned threshermen's reunion; that celebration which marked the end of the harvest season for steam threshermen and farm families.

Festivities include games and contests, a daily pageant of threshing, oxen and steam train rides, old fashioned homemade food, a flea market, demonstrating craftsmen, special exhibits and much more. You can walk through the model building, where hand-crafted miniatures of full-sized machines, some on the grounds, are connected to a live steam supply. Chugging, sputtering, revolving components show in miniature how this machinery operated in the days of steam power.

Across the way the stationary steam engine building's front room contains what one viewer called a "Culinary Museum", for it displays much of Grandma and Great Grandma's household machinery. An exhibit of cast iron kitchen and parlor stoves, hand-powered washing machines, butter churns, butchering kettles, sausage stuffers and steam canners remind the ladies of the joys of having our current-day kitchen machine marvels.

Behind this "home machinery" display room is a 40' by 120' room filled with old-time stationary steam engines. Can you imagine keeping a fire in the boiler and the pressure up in a steam pump 24-hours a day just so you would have water pressure in case of a fire on the ground? The Masonic Homes in Elizabethtown once had such a steam-powered pump, now on display at Rough and Tumble. There is also a Westinghouse generator, a steam-powered ammonia compressor which once provided refrigeration for a meat packing plant, and, of course, the Watts-Campbell steam engine which had powered a paper box factory all by itself. These stationary engines are hooked up to a steam source outside the building, and during Reunion most of them are running, the Watts Campbell whispering as its 20-foot high flywheel turns.

To the north of the present structure Rough and Tumble members have placed the 120 ton Snow steam pumping engine which was a gift from the York Water Company, and a Harrisburg steam generator from the Masonic Homes in Elizabethtown. The two engines have been mounted on their new concrete bases and are in the process of being reassembled to become operating exhibits of the future. The museum building will be extended over them this fall.

The steam-powered sawmill is a recreation of those which dotted the countryside at the turn of the century. Powered by a belt off a stationary steam engine, logs are turned into planks as the visitor watches, and oh, that lovely aroma of fresh-cut wood! A shingle mill elsewhere on the grounds can split a fine cedar shingle for you.

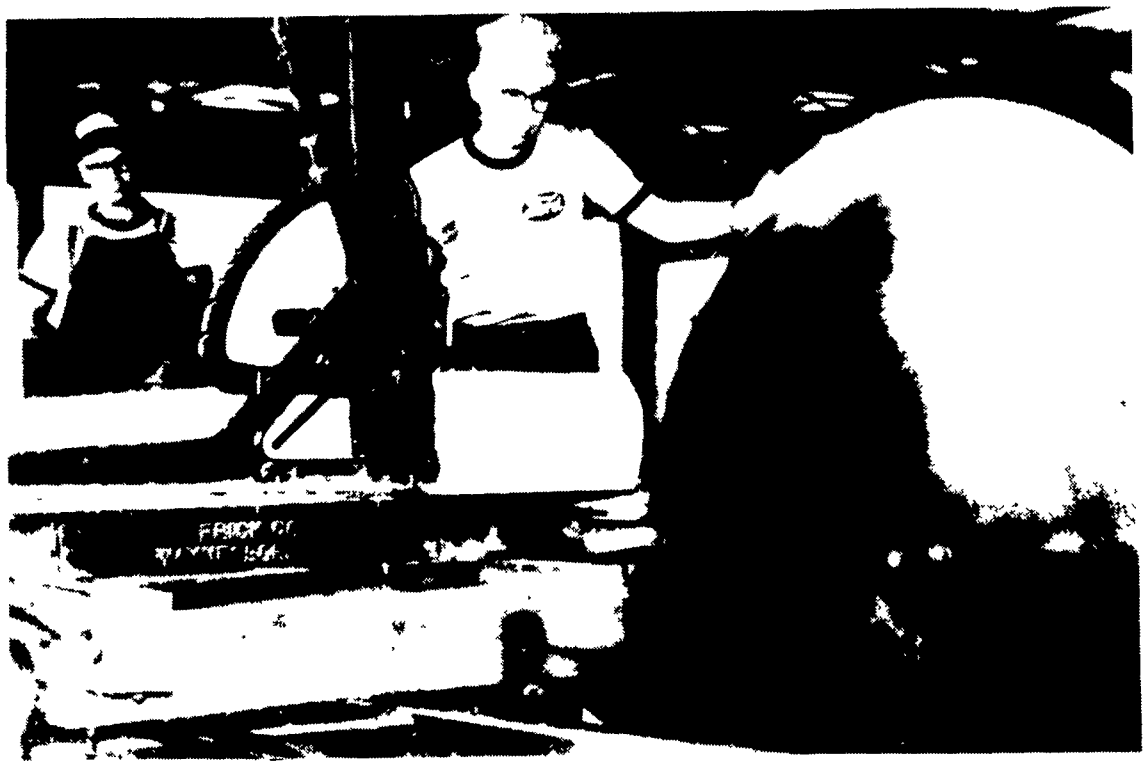
There will be a special outdoor museum exhibit, collected and displayed just for the Reunion, of

(Turn to Page E8)

Fun...

Fun...

Fun...

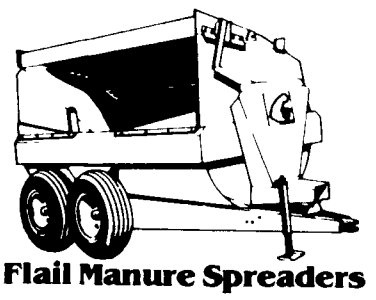


For threshermen who are young and young at heart

FARMHAND
DUNHAM LEHR HAWK BILT

Tub Grinders

Grinder-Mixers



Flail Manure Spreaders

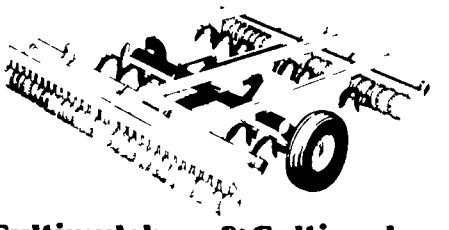
Custom Fit Loaders

Universal Fit Loaders
Models to Fit 1,250 Tractor Models

Wing Disc

Products of
FARMHAND, INC.

Quality Farm Equipment built on a reputation of ruggedness and versatility.



Cultimulchers & Cultipackers

KNIGHT

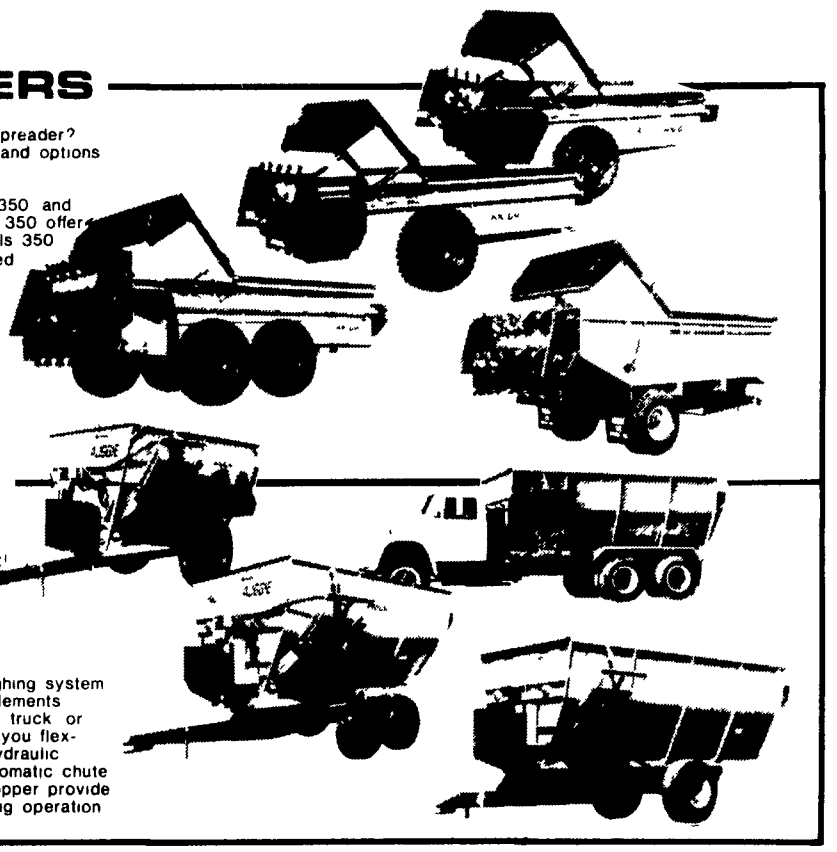
SPREADERS

Need a rugged and durable spreader? Check the selection of sizes and options Knight has available

Choose from 140 180 250 350 and 500 models Models 250 and 350 offer single or tandem axles Models 350 and 500 may be truck mounted Hydraulic endgate provides seal for semi-fluid manures Beater options will fit your particular manure handling chores We welcome your personal inspection of Knight built-tough spreaders

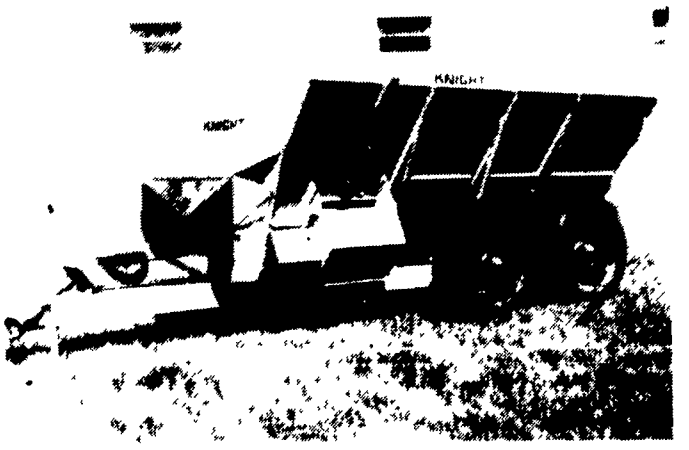
AUGGIES

Wondering if we've got the right Auggie for you? You bet! Just try one on for size from the 170 cu ft capacity LITTLE AUGGIE to the biggest 370 cu ft BIG AUGGIE Four sizes to mix and feed perfectly blended rations Optional weighing system assures accurate use of supplements roughages and grains Trailer truck or stationary mounted units give you flexibility to match your setup Hydraulic control of discharge door automatic chute clutch and automatic tilting hopper provide effortless control during feeding operation



NEW NEW

2500 "SLINGER" MANURE SPREADER



A multi-purpose spreader that will handle semi-fluids or solid manure using knight's hammer type discharge design.

Coming Soon...

NEW, SMALLER MODELS IN THE 2500 "SLINGER" DESIGN

RUGGED • EFFICIENT • DEPENDABLE

You Can Depend On A Knight

KNIGHT

These Products Distributed By

TODD FARM EQUIPMENT, INC.

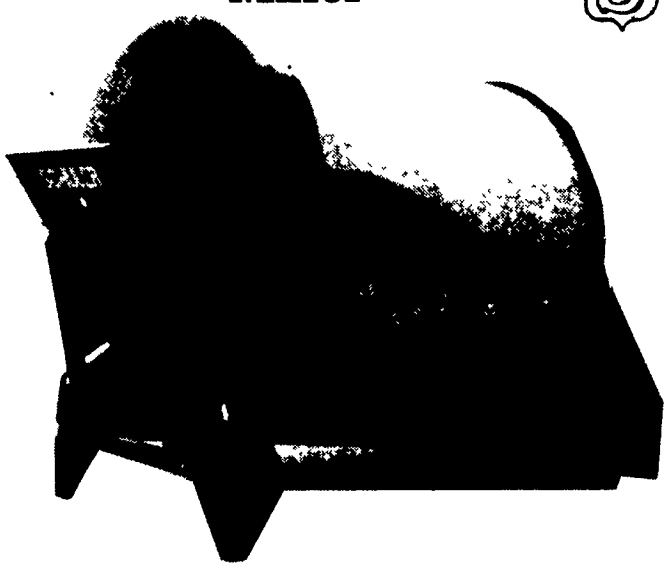
CHESAPEAKE, VA.
(804) 543-2071

See Us At
AG PROGRESS DAYS
August 21-23, Located On West 6th Street

HAGERSTOWN, MD.
(301) 791-0422

NEW From SCHULER

RM-66 Round Tumble Mixer



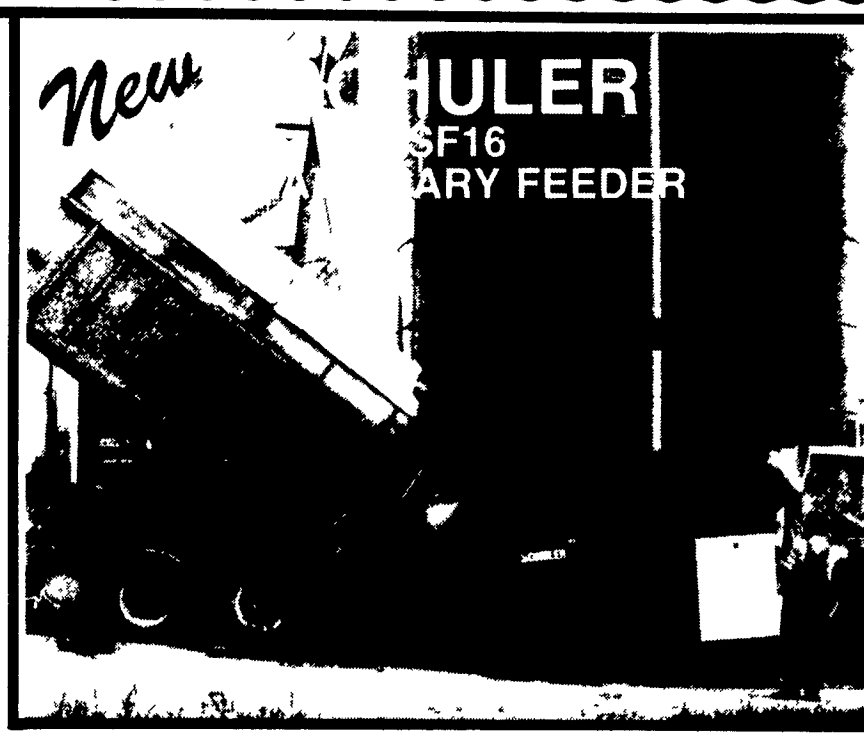
SUPERIOR TO AUGER ONLY MIXERS

Feature Tumbling Mix Action

1. Never separates fines from more coarse particles.
2. Empties drum out completely, no materials left in the drum to spoil or rust.
3. No large expensive internal augers with higher maintenance costs.

Simple Drive, Only 2 Belts And 2 Chains

1. Fewer parts to adjust and maintain.
2. Lower initial purchase price.
3. Less cost for maintenance.
4. Much less horsepower.



Same tractor powers feeder and blower, all hydraulic drive, rugged construction and spirol beaters. Feeds silage, or grains, into the blower while the hauler goes back for more.

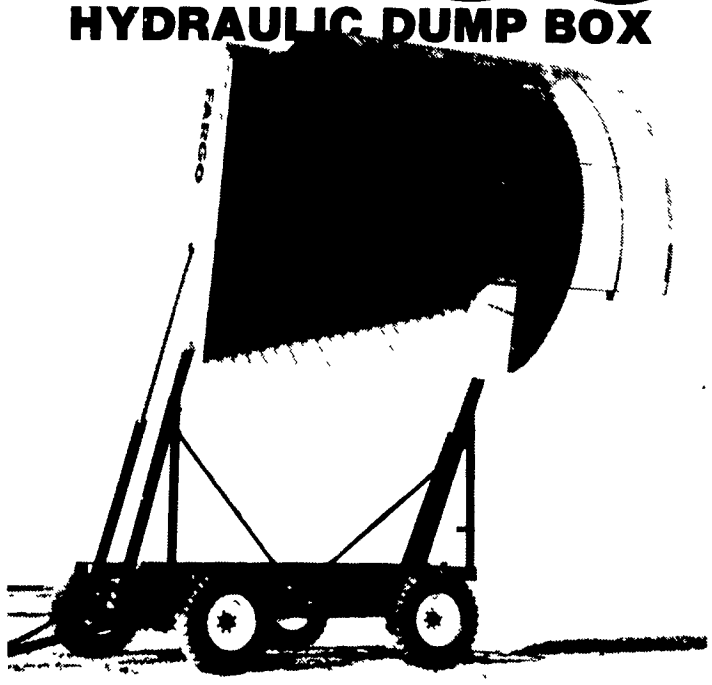
125 CM & 175 CM

A Mixer That Mixes Faster And With Less Power!

SCHULER CYCLE MIX

FARGO

HYDRAULIC DUMP BOX



- **Loads Lower, Dumps Higher**
- **Heavy Duty Running Gear**
- **Sliding Dump Action**
- **Low Center of Gravity**
- **Mechanical Roof Opener**
- **Rugged Construction**

The Fargo Box is an all-purpose system that can haul anything... corn, sugarbeets, sunflowers, vegetables, fruit, fertilizer and more! It only takes a minute to move 760 cubic feet of your crop from harvester to truck.

FARGO BOX CO.

MICROMAX™

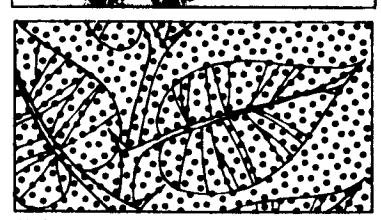
Controlled Droplet Applicators

Thorough coverage and remarkably lower spray volumes — a cinch with CDA.

- Electric drive, 1 master control box up to 12 head capacity or single speed control.
- Spray Booms available in variety of sizes.
- 3-pt. hitch and skid mount.

More than ever this is the time for Micromax.

This is the time for good management. The moment to stop wasting time, water, chemicals, and in short, money. Controlled Droplet Application (C.D.A.) has proven time and time again to accomplish just that, and C.D.A. is Micromax.



Uniformed micron size droplets mean less drift water and chemicals and better coverage with less trips

These Products Distributed By

TODD FARM EQUIPMENT, INC.

See Us At

AG PROGRESS DAYS

August 21-23, Located On West 6th Street

CHESAPEAKE, VA.
(804) 543-2071

HAGERSTOWN, MD.
(301) 791-0422

MECHANICAL TRANSPLANTER

MT MECHANICAL TRANSPLANTER
Reg U S Pat Off

Set more plants per hour and cut your operating cost with a mechanical transplanter. Rugged construction and durability make the mechanical transplanter the choice of many vegetable farmers.

MECHANICAL TRANSPLANTER

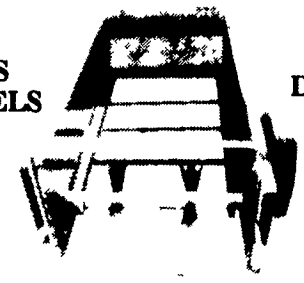
Mini Manure Spreaders

in a WIDE CHOICE of DRIVE OPTIONS!

- 18, 50 and 90 bushel capacity models
- Corrosive resistant, ALL STEEL box and frame construction

Guards removed for illustration.

GAS MODELS



PTO DRIVEN

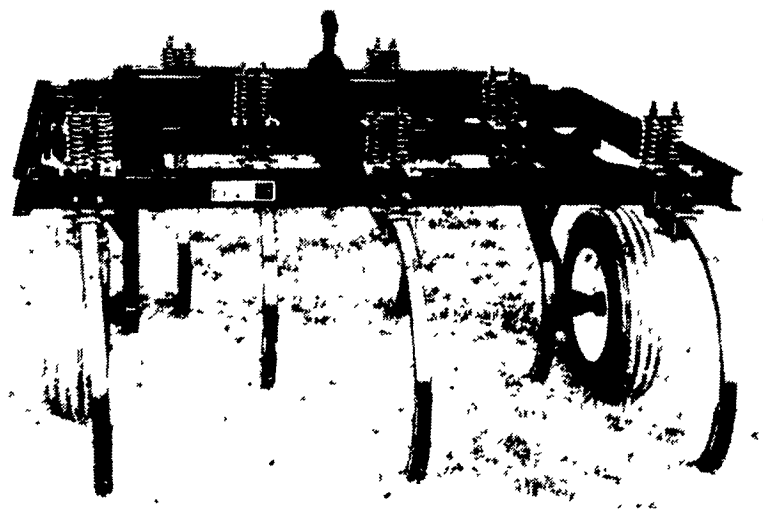
GROUND DRIVEN

- Shreds and spreads all types and conditions of manure

AI Manufacturing Co.

KNOWLES

Quality Chisel Plows



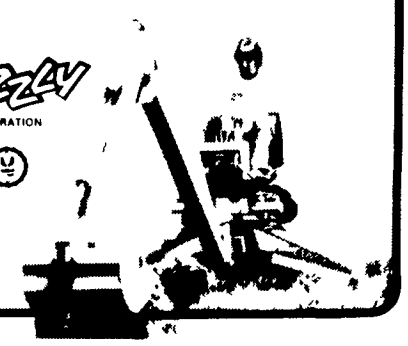
GRIZZLY BACKHOE...

NOW YOU CAN DO THE JOBS YOU'VE BEEN PAYING FOR!

Now for the small cost of a Grizzly Backhoe you can get big jobs out of your tractor or loader. Jobs for which you once paid through the nose and waited for weeks to get done can be done *when* you want at a cost you can afford.

Easy to mount, easy to operate, the Grizzly applies nearly three tons of digging force to do a fast job of trenching, tiling, ditching, excavating.

GRIZZLY CORPORATION



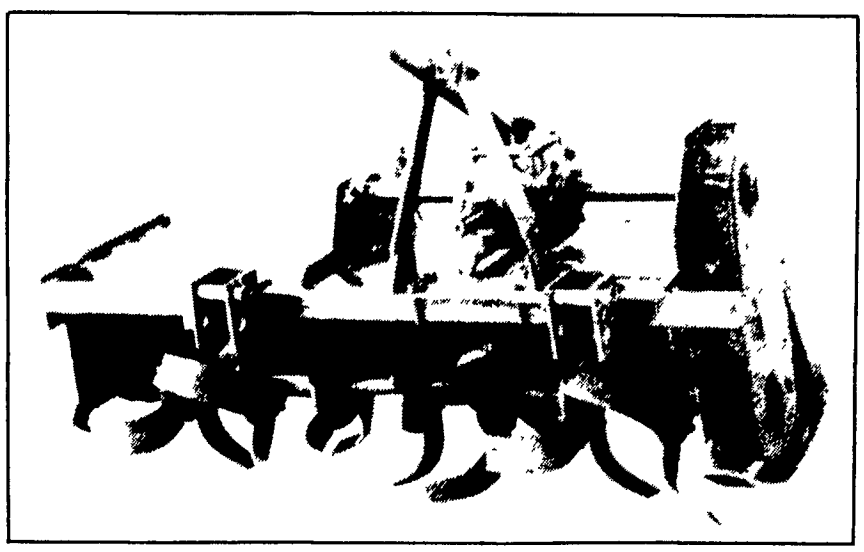
Backhoe Attachment BH-75

Backhoe Attachment BH-203

Trencher Attachment GT-500

SOVEMA

ROTARY TILLERS



Let Sovema mix in your crop residue, aerate the soil, and prepare the seed bed all in one operation. Sovema can save you time, fuel, and labor at an attractive price.

AVAILABLE IN A VARIETY OF MODELS AND SIZES TO FIT YOUR NEEDS

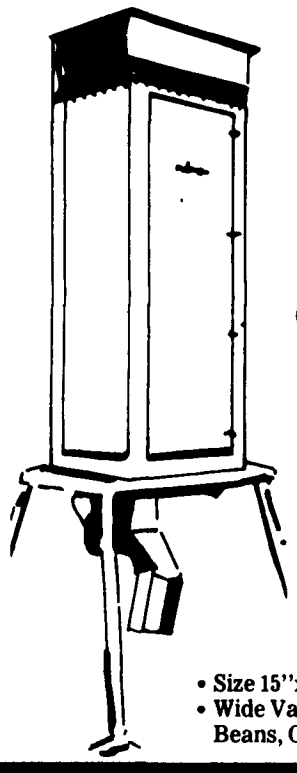
Ask Our Todd Representative About The New INTER-ROW XM CULTIVATOR

MAGIK Grain Cleaners

NEW No Power Required! No Moving Parts!

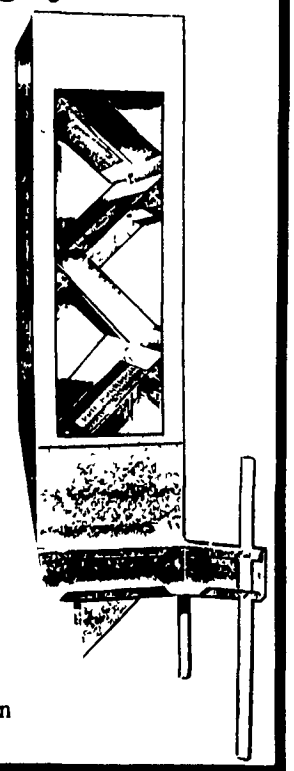
SEE THE NEW MODEL 700 ON DISPLAY AT AG PROGRESS DAYS

Ideal Cleaner For Grain Drying Systems



No Power Required
No Moving Parts
Low Cost
Compact
Lightweight
Galvanized Mini Model Cleaner
Designed After The Commercial Line of Cleaners

- Can be installed anywhere Grain flows downward
- High Carbon Steel Screens for long wear
- 700 Bushel per hour capacity
- Change Screens in minutes



- Size 15"x18"x57" • Weight 100 lbs.
- Wide Variety of Screen Sizes - Wheat, Corn Beans, Oats, Rye, Barley, Milo, Rice...

These Products Distributed By

TODD FARM EQUIPMENT, INC.

See Us At

AG PROGRESS DAYS
August 21-23, Located On West 6th Street

CHESAPEAKE, VA.
(804) 543-2071

HAGERSTOWN, MD.
(301) 791-0422

KRONE
NIEMEYER
Product of
KMN Modern Farm Equipment, Inc.

FEMA

Designed To Be Different: Krone Disc Mowers from KMN.

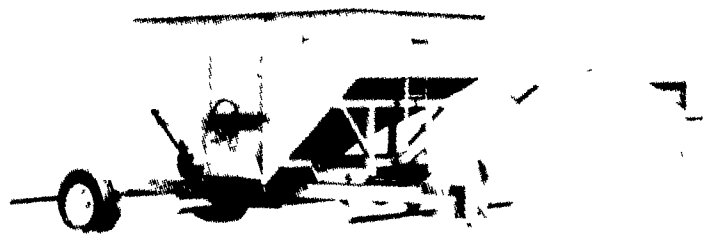
Special design of cutting disc drive makes mowing a pleasure!

- Constructed simply, for easy maintenance
- Hydraulic operation makes transport a snap
- Mowing widths of 6'6" and 7'9"
- Optional conditioners

ROUND BALE TRAILER

MODEL GB-6

- **Hauls 6 Big Round Bales**
- **Has 12,000-Pound Capacity**
- **27 Feet Long x 8.5 Feet Wide.**
- **12.5L x 15" 8-Ply Tires**



THE GOLDEN BELL MODEL FK-2 frame kit adds versatility to your trailer. You will be able to attach such items as gravity boxes (pictured above), flat beds, water tanks, liquid fertilizer or chemical tanks, etc.

GB Golden Bell Inc.

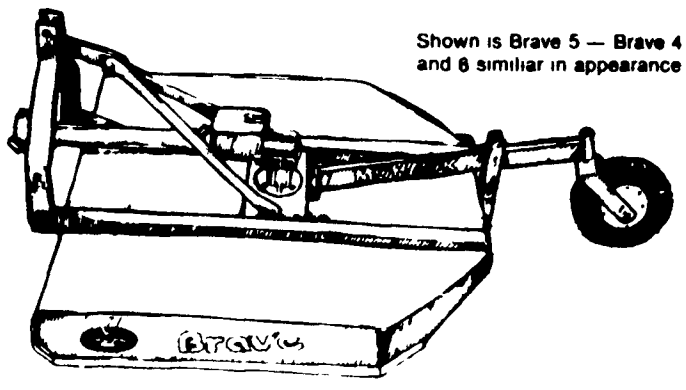
MOHAWK EQUIPMENT COMPANY

Introduces

THE BRAVE LINE

A quality line of economically priced mowers available in 4, 5 and 6 models.
Built by the company that pioneered the economy mower.

Brave 4	Brave 5	Brave 6
Wt. 350 lbs.	Wt. 480 lbs.	Wt. 645 lbs.



Shown is Brave 5 — Brave 4 and 6 similiar in appearance

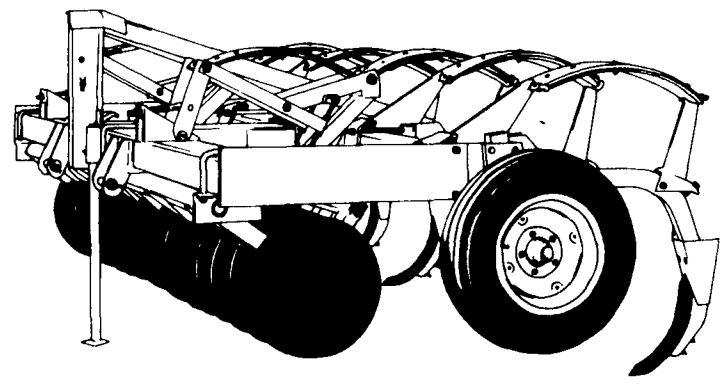
40", 48", 60" and 72" MOWERS AVAILABLE

MOHAWK EQUIPMENT COMPANY

FEMA
BUILT BY PEOPLE WHO CARE

TEBBEN MANUFACTURING

DEEP TILL TRASH CUTTER



CONSERVATION TILLAGE

TRUE ROCK PROTECTION FOR COMPLETE COULTER ASSEMBLY AT ALL WORKING DEPTHS.

- **Unique leaf spring design reduces tripping pressure to clear obstacles.**
- **Cut and bury crop residue in one pass plus the benefits of deep tilling.**
- **Coulters maintain uniform tripping pressure at working depths of 6" to 18".**

TRASH CUTTER AVAILABLE WITH SINGLE COULTER DESIGN

These Products Distributed By

TODD FARM EQUIPMENT, INC.

CHESAPEAKE, VA.
(804) 543-2071

See Us At
AG PROGRESS DAYS
August 21-23, Located On West 6th Street

HAGERSTOWN, MD.
(301) 791-0422

Farmers everywhere are benefiting from the versatility of the Grasshopper mower.

Your farm is one location with a variety of mowing jobs You must have a machine that is versatile enough to take on the rough cutting as well as the finish trim

MUSCLE FOR THE ROUGH CUT—Grasshopper decks are constructed of 10 gauge steel and reinforced with an additional steel plate around the spindle housings A 1' blade spindle shaft is another example of how Grasshopper keeps you cutting in the rough

MECHANICAL LIFT DECK—Adjustable from 1" to 4" through a hand actuated lever You can conveniently go from rough cut to trim

CLOSE QUARTER MOWING—Trims under your equipment or fences flush cuts along buildings and close around trees

NEW QUIK D TATCH '/AC UNIT—The Grasshopper vacuum grasscatcher will easily pick up wet grass clippings high moisture leaves even pine straw Yet three fast and simple steps will remove or re attach the vacuum unit You can quik ly adjust to your different mowing needs

OPTIONAL ATTACHMENTS—Vacuum Grasscatcher Snowthrower Dozer Blade and Sweeper

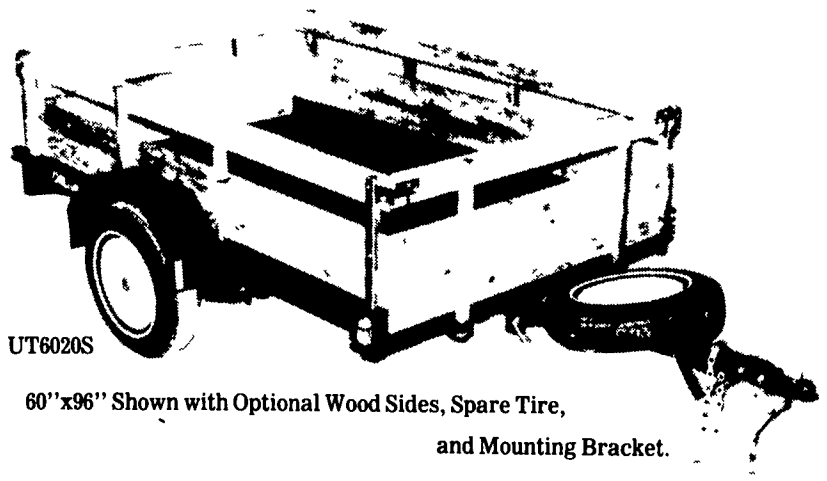
Muscle for the Rough Cut...Finesse for the Finish Trim. Your Farm Should be Benefiting from the Versatility of Grasshopper.

GRASSHOPPER®

WE CUT IT

NEW For Fall '84
A 1822 DIESEL MODEL

CHILTON TRAILERS... Designed To Meet Your Changing Needs

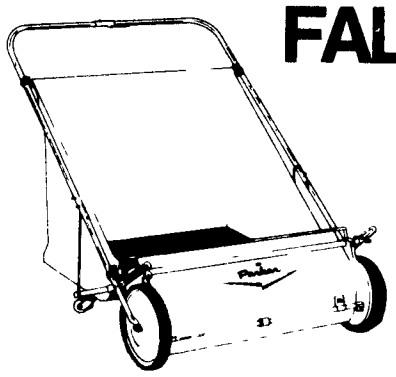


UT6020S

60"x96" Shown with Optional Wood Sides, Spare Tire, and Mounting Bracket.

TO GET THE PROPER PERSPECTIVE — SPEND A MINUTE AND LOOK OVER OUR CHILTON TRAILERS... THE VALUE AND QUALITY WILL JUMP RIGHT OUT AT YOU... BECAUSE IT'S THERE!!!

CHILTON



FALL CLEAN-UP IS EASY!

Parker®

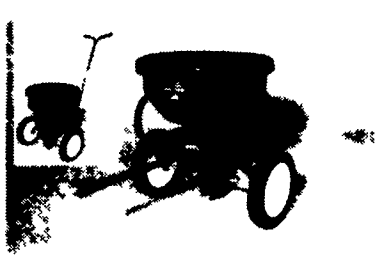
A PARKER LAWNSWEEPER will quickly and efficiently rid your lawn of unsightly leaves, grass clippings, and other yard debris. Forever eliminates the time-consuming, back-breaking job of hand raking. From a small lot to a football field, there is a PARKER LAWNSWEEPER that's right for you! Quality construction features for ease of operation, cleaning efficiency, and durability for years to come.

BRINLY LAWN CARE

New Riding Mower Attachments That Finally Make Creating A Beautiful Lawn Easy And Fun!

Let Your Lawn Breathe

Remove Thatch



Hands Need Not Apply

1984 AG PROGRESS DAYS SPECIAL

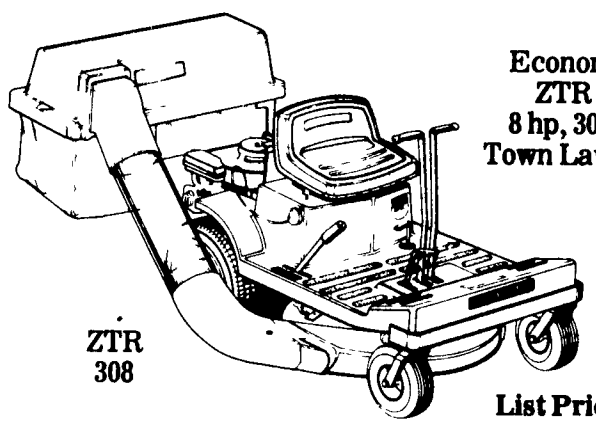
DIXON ZERO TURNING RADIUS MOWERS™

Get In The Winning Circle With

DIXON ZTR MOWER

Turns tight, trims close.

Cuts fine, saves time.



ZTR 308

Economical
ZTR 308
8 hp, 30" cut
Town Lawn Size

List Price **$1995**
F.O.B. Todd Warehouse

Buy Model 308 at a regular dealer price and receive a $219.00 Grass & Leaf Catcher - ABSOLUTELY FREE

These Products Distributed By

TODD FARM EQUIPMENT, INC.

See Us At

AG PROGRESS DAYS
August 21-23, Located On West 6th Street

CHESAPEAKE, VA.
(804) 543-2071

HAGERSTOWN, MD.
(301) 791-0422

Heat stress on cows is growing concern

GAINESVILLE, Fla. — If predictions of rising global temperatures caused by increasing levels of carbon dioxide in the atmosphere — the Greenhouse Effect — come true, heat stress will become an even more widespread problem in animal production than it already is, warns David K. Beede, University of Floriday dairy scientist.

Speaking at an International Minerals & Chemical-sponsored animal nutrition and stress conference, Beede says air temperatures contribute most to heat stress, especially in conjunction with high solar and reflected radiation, high humidity and low wind speed.

Cows react to heat stress with reduced feed intake, decreased metabolic rates, elevated sweating, increased respiration rates, changes in blood hormone concentrations and redistribution of total blood flow affecting body metabolism. These are "survival strategies not necessarily geared for optimal production."

The single most important reaction affecting the performance of heat-stressed cows is reduction in voluntary feed intake, adds Beede. When intake is reduced, "consumption of absolute amounts of essential nutrients and energy are decreased unless their densities are increased proportionately in the diet. Although digestibility of dietary energy and fiber are enhanced slightly in a hotter climate, efficiency of energy utilization for milk production is reduced 30-50%."

Beede cites other effects of heat stress as loss of ions and particularly potassium in sweat, an increased loss of carbon dioxide that may decrease the bicarbonate pool available via salivary secretion for ruminal buffering and, if heat stress occurs during gestation, optimal growth of the mammary gland may be adversely affected.

Dietary manipulation for dairy animals, while not easily accomplished, offers promise, he explains, and would involve increasing the metabolizable energy (ME) or concentrate content and the essential nutrient density.

Citing 1981 NRC findings, Beede says: "The metabolizable energy requirement for maintenance rises by 10-30% at 30-40° C compared to 18-20° C because extra energy is needed for heat dissipation. Therefore, by increasing ME intake by increasing the concentrate-to-roughage ratio, more ME would remain available for productive functions."

Beede's research has centered on the effects of increasing the dietary density of potassium and sodium and additional benefit of bicarbonate for ruminal buffering and thus an increased milk fat percent.

"Some research reports have suggested that $NaHCO_3$ did not increase fat test or fat-corrected milk yield," he notes. "But factors such as level of feed intake, type of feed (fermented silages vs. dry feeds) and level of concentrate might help explain differences in response.

"Additionally," he says, "some rations appear to be low or marginal in total potassium."

In one experiment with 24 midlactational Holstein cows May through September, dry matter intake increased 5.1% and milk yield increased 3.6% with higher total dietary potassium (1.3 vs. 1.8%) when fed in total mixed rations.

Rough & Tumble

(Continued from Page E2)

over 50 pieces of machinery built by the J.I. Case Company of Racine, Wisconsin. The items include those from a 1905 Case steam traction engine to a 1984 Case diesel tractor, no two alike, with a few of the rare Case automobiles included in the exhibit. This display is automated with cassettes which gave the visitor a verbal history of the J.I. Case Company from its inception to today.

As a special feature of this year's reunion, Sid Steinberger, an antique tool consultant from Carmel, N.Y., will give two brief talks daily, using the hand tools now in Rough and Tumble's collection. A popular feature of Sid's past talks has been his ability to identify unknown hand tools from the past. "What is it and what did it do?" Bring it in and the odds are good that Sid can tell you.

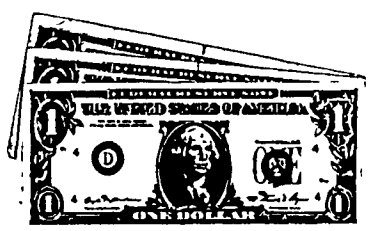
No report on an R & T Reunion would be complete without a mention of music. Mrs. Miller, an octogenarian from Perry County, will be playing a steam-powered caliope; there will be a uniphone, once used in rural evangelistic services, Warren Mercer and his Royal Ramblers to paly for square dancing on Thursday night, and Glen Hough and his electric organ to entertain during the days.

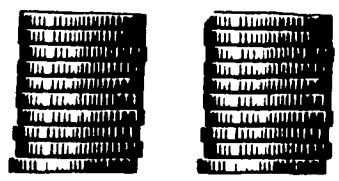
Admission to all of these activities is a $3.00 for adults and $1.50 for children 6-12. All admissions are cut to half-price after 5 p.m.

Fun...

nitro max

SOIL SUPPLEMENT





INCREASES NITROGEN AVAILABILITY THROUGH MORE EFFICIENT USE OF APPLIED OR RESIDUAL NITROGEN!

* *

REGISTERED FOR USE WITHIN COMMONWEALTH OF PA. ON SPRING WHEAT & SUNFLOWERS ONLY

SUNFLOWERS 1979-80-82

YEAR	YIELD REC.N/ FERT.	YIELD NITRO/ MAX	NET PROFIT PER A FROM NITRO/MAX
1979	1332	1357	$33.75
1980	911.93	924.25	$13.04
1982	1291	1374	$34.58
AVG. 3 YRS.	1178.3	1218.4	$27.12

USING NITRO/MAX MAKES DOLLARS AND CENTS! YIELDS ARE SECONDARY - NET PROFIT IS SURVIVAL!

AGVISE, INC. RESEARCH
NORTHWOOD, N.D. 58267

AGRI-PRODUCTS & SERVICES
220 S Second Street
Dillsburg, PA 17019

Distributor of:
- **J&J Soil Conditioner™** — *Loosens soil & aids the downward movement of water.*
- **AO® Refractometer** — *Indicates crop quality by sugar content.*
- **LaMotte Soil Test Kit** — *Enabling better understanding of soil fertility. Tests green plant tissue nutrient levels.*

1978 WHEAT YIELD BU./ACRE

FERTILITY TREATMENT	YIELD IN BU./ACRE
Check with no fertilizer	13.6
NITRO/MAX soil applied	22.9
74-38-38 (NPK)	21.2
74-38-38 + NITRO/MAX (one gallon to 10 acres)	23.8
74-38-38 + NITRO/MAX (one gallon to 20 acres)	34.0

WHAT ARE YOU WAITING FOR - BREAK LOOSE FROM SOIL ABUSE - TRY NITRO/MAX TODAY!

*NITRO/MAX has been tested and tried worldwide on a variety of crops. If you would like to believe it works, try it on your farm. Your farm is the best experiment station. You don't have to be a PhD to determine if NITRO/MAX will make money for you.

*NITRO/MAX untreated plots had the lowest mean yield regardless of fertilizers. The 1 gal./10 acres & 1 gal./20 acres NITRO/MAX rates yielded significantly more than the untreated plots over all fertilizers.

*A soil test is recommended prior to NITRO/MAX use to determine soil deficiencies so soil can be balanced. NITRO/MAX does not replace any necessary nutrient that is lacking in the soil.

QUANTITY DISCOUNTS & DEALERSHIPS AVAILABLE
PLEASE CONTACT US FOR MORE INFORMATION

Write or call:

☐ Send me free information
☐ I am interested in a dealership

AGRI-PRODUCTS & SERVICES, INC. 220 South Second Street Dillsburg, PA 17019

QUESTIONS CALL 717-432-2461 or 3068
TO ORDER CALL 1-800-233-0138

Name _____
Street _____
City _____
State _____ Zip _____
Phone (Area Code) _____
Acres farmed _____
Crops grown _____

Md. Grange awards scholarships

THURMONT, Md. — Rodman Myers, chairman of the Maryland State Grange Past Masters Agriculture Scholarship, and Edward F. Holter, Scholarship committee, stated that four Community College scholarship were awarded and three University of Maryland Scholarships were awarded for 1984. Thirteen applications were received this year.

The committee selected four past masters scholarship recipients. The scholarship in the amount of $300 each is awarded to students interested in an agricultural education at the Community College level. The 1984 Community College recipients are:

Kevin Delauter of Wolfsville, a graduate of Middletown High School.

Steven Greene of White Hall, a graduate of Herford High School.

William Allen of Jefferson, a graduate of Brunswick High School.

William Ferrell of Mt. Airy, a graduate of Glenelg High School.

The Edward F. Holter, University of Maryland Agricultural Scholarships recipients are $500.

Teresa Rice of Frederick, a graduate of Linganore High School. $250. Steve Issacson of Middletown, a graduate of Middletown High School. $250. Debbie Eccard of Westminster, a graduate of Westminster High School.

Scholarship recipients will be guests of the Maryland State Grange at the Grange Agriculture Banquet on Friday, October 19th at Cozy Restaurant in Thurmont, Maryland.

The Grange Scholarships offer financial assistance to 4-H, FFA and Grange youth interested in the field of Agriculture.

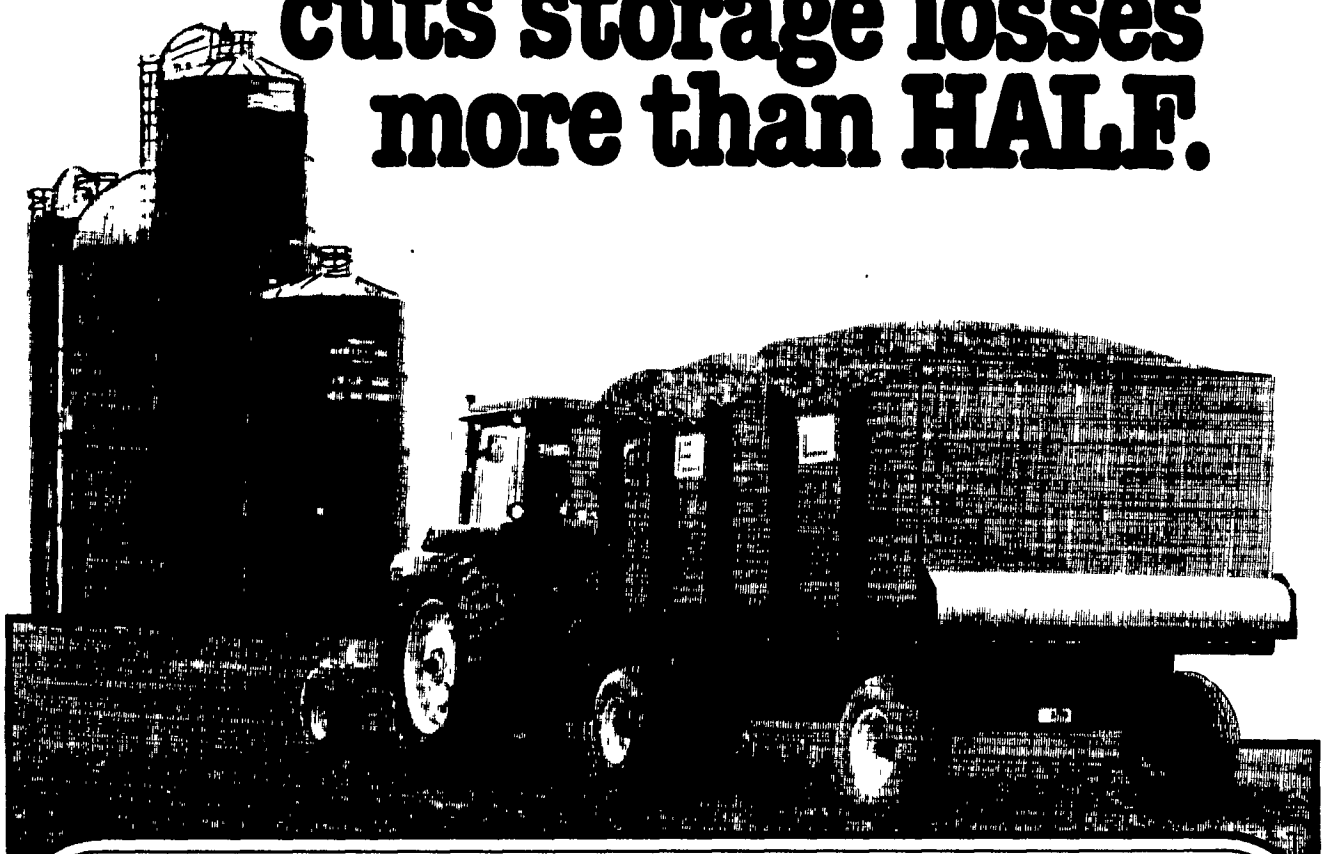
These scholarships will be offered again in 1985 and applications are due by May 1, 1985.

Contributions for the scholarships may be sent to C. Rodman Myers, 15727 Smith Road, Thurmont, Maryland 21788. Make checks payable to Maryland State Grange.

Increase your silage yield from your silo...

Silo Guard® II

cuts storage losses more than HALF.



You lose an average of 20% or more of the productive nutrients present in stored fresh-cut forage through the silage fermentation process. It has been **proven** that silage treated with SILO GUARD II saves up to 50% of these valuable nutrients.

This year more than ever, protect your stored corn silage and high moisture corn from fermentation losses and avoid the added expense of grain and feed costs. The improved formula of SILO GUARD II out.performs the orginal product and all others with **proven** results, both in University research programs and in the field.

SILO GUARD II treated silage represents more milk production or weight gain from each ton of silage stored and fed . . . earning you greater profits!

The Best by Test and Performance.

- **Silo Guard II** reduced ensiling temperature degree days by **88%**
- **Silo Guard II** increased beneficial acid production by **4%**
- **Silo Guard II** improved protein utilization of the silage by **12%**
- **Silo Guard II** improved "Bunk life" of the silage by **21%**

*Based on actual University research data.

Ask for the **Best** . . . ask for **Silo Guard II.**

Contact your nearest ISF Representative.

Lester Burkholder	(717) 532-4203	Shippensburg, PA
Roy Coover	(717) 766-1053	Carlisle, PA
Jim Good	(412) 459-8052	Clarksburg, PA
Francis Hall	(717) 756-2219	Susquehanna, PA
Richard Houser	(717) 272-0638	Lebanon, PA
Leon Horton	(607) 529-8840	Elmira, NY
Joseph Keefer	(607) 734-1021	Elmira, NY
Paul Kensinger	(814) 793-3807	Martinsburg, PA
Charles McDaniel	(814) 789-2743	Guy Mills, PA
Clarence Saylor	(814) 926-3158	Rockwood, PA
Joe Yedinak	(717) 689-4665	Hamlin, PA

Or call us toll-free 1-800-847-1691 (out of state)
1-800-252-4620 (in NY only)

SILO GUARD II . . . the brand of additive most commonly used by Northeast dairymen on corn silage and high moisture corn*.
*Based on 1983 Dairy Herd Practices Report

Silo Guard®
An Aid to Fermentation
International Stock Food Corp.
Waverly, N.Y. 14892

NEED MORE ROOM? Read The Classified Real Estate Ads

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

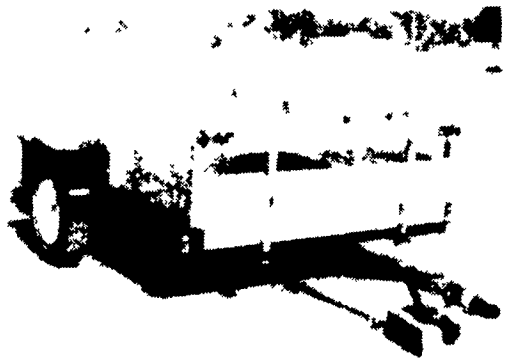
WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
DOTTERER & KOLESAR
(717) 726-3471
Also See Ad On Pages B24 & 25

LAMCO

TILT-BED TRAILERS



AVAILABLE IN:
4x6, 4x8, 5x8, 6x10, 6x12, 7x8
Snowmobile Trailers Also Available
Ready To Hook On To Your Car

LAMCO features a full line of high quality, reasonably priced farm and home equipment:

☐ Forage Boxes	☐ Pick-Up Racks
☐ Thro Bales	☐ Tilt-Bed Trailers
☐ Feeder Racks	☐ Dump Boxes
☐ Running Gear	☐ Stor-All Buildings
☐ Hay Feeders	☐ Picnic Tables
☐ Agromatic	☐ Benches & Tables
☐ Feed Bunks	☐ Wishing Wells
☐ Calf Hutches	☐ Decks & Steps
☐ Cattle Racks	☐ Other

For more information on any of these high quality, reasonably priced products - Call us at 315-497-1890 or send this coupon to:

LAMCO
PO Box 160, Locke, NY 13092

Name: _____
Address: _____
_____
Phone: _____

Visit Our Exhibit During AG PROGRESS DAYS Located On West 6th Street

Forces beyond farm gate affect agriculture

WASHINGTON, D C. — Farming has always been tied to the larger economy, but the relationship has grown more intimate and more complex, according to economist Paul Prentice of the Agriculture Department's Economic Research Service.

Farming and the economy are now so closely linked, he says, "that conditions and policies beyond the farm gate might have a greater impact on agriculture's well-being than traditional farm programs."

In the last few decades, U.S. agriculture has entered a larger arena in terms of significantly increased dependence on exports, credit markets, land values, and outputboosting machinery, chemicals, and other technology purchased from the nonfarm economy.

Larger arena

According to USDA's Farmline magazine, government analysts contend that the events occurring in that larger arena help explain some of the current problems in agriculture. Because these events are mostly outside the jurisdiction of farm policy, the problems they can create for American farmers are not easily solved by traditional farm programs.

"The policies that most vitally affect farmers are no longer under the control of the agricultural policy process," says economist David Harrington, who heads a USDA group that analyzes changes in the structure and economics of farming.

"Trade policies and international political relations are forged largely by nonagricultural interests," he continues. "General economic policies as reflected in inflation, interest rates, and international exchange rates are of overwhelming importance to the business of farming, yet agriculture has a very small say in the formulation of these policies."

Prentice and Harrington agree that agriculture's best hope for a bigger say is to know where its interests lie when important economic and political decisions are being made. But, even then, a higher level of risk for farmers may be the inevitable price of participation in a larger arena.

Changes from within

What Prentice calls "the integration of agriculture into the broader domestic and world economy" stems as much, or more, from changes within the farm sector as it does from changes outside the sector.

"Farming remains a unique industry in several respects, and that's one reason why a farm bill and commodity-specific legislation are still important," notes Harrington. However, many of the distinctions and barriers between farming and other major industries have faded.

"Farming has increasingly become a low-margin, high-volume, capital-intensive business in which the large, specialized, technologically sophisticated operations produce most of the output," he adds.

Some observers have described the transformation process as the progressive industrialization of farming. Whatever the label, the changes have brought both a new strength and a new vulnerability to the farm sector.

Vulnerability

The strength is obvious. Despite the long-term decline in farm numbers, U.S. agriculture is able to produce more than ever before, and the sector's real wealth is at or near a record level. Since the late 1960's, farm operators whose principal occupation is farming have earned incomes averaging abo of nonfarm families

The vulnerability is also evident. A significant number of fa... now struggling with huge debts, and recent increases in commodity prices haven't bailed them out. Farm foreclosure and bankruptcy rates are disturbingly high in parts of the country, attracting national attention and prompting a number of emergency actions at federal and local levels.

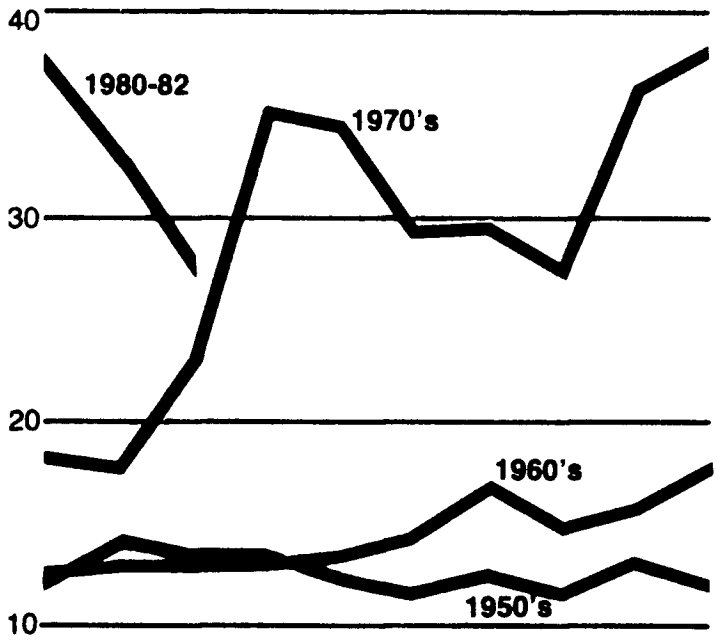
Volatility in the economics of farming, according to Harrington, has become a major concern in agriculture. The sources of the volatility and risk are outside the control of the sector and are added on top of the traditional production risks associated with weather, disease, and insects. The added vulnerability can be seen on the income side and the expense side of farming.

Risks greater

The external risks on the demand, price, and income side are greater than they were in the past, and less controllable, mainly because of farmers' greater dependence on volatile export

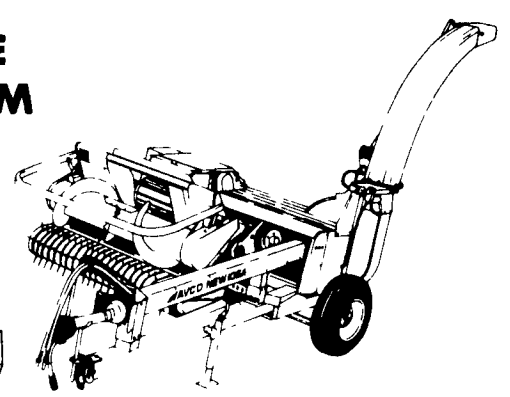
(Turn to Page E11)

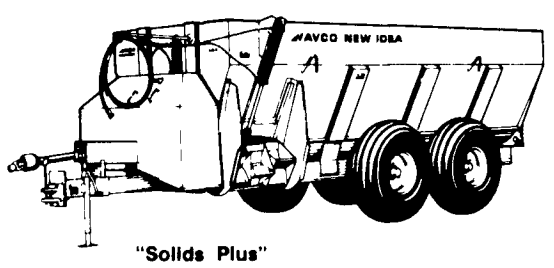
Farm Income Follows a Volatile Path Since the Early 1970's



AVCO® NEW IDEA

PARTS, SALES, SERVICE
NEW IDEA — UNI-SYSTEM
WE ARE READY TO SERVE YOU IN PA AND NJ

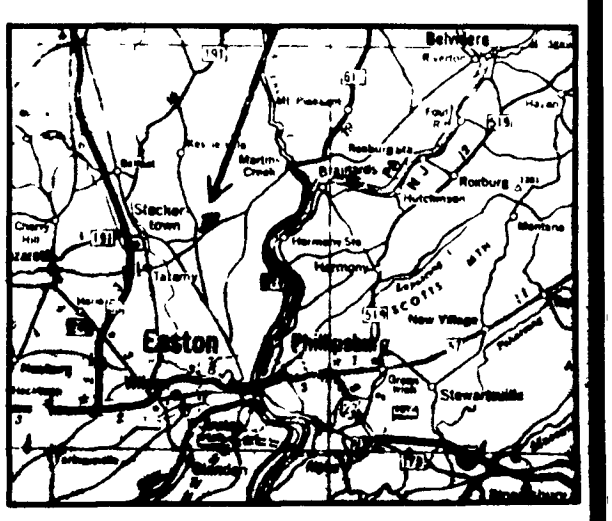




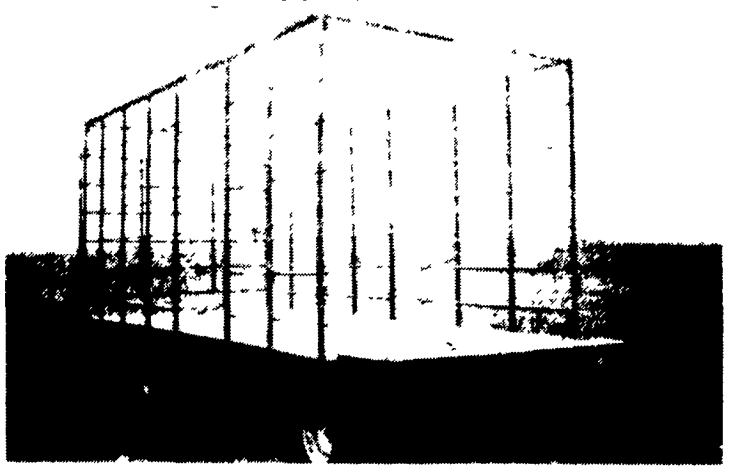
"Solids Plus"

FANCY FURROW FARMS
AG EQUIP. INC.

FANCY FURROW FARMS
A G EQUIP. INC.
R.D. 1 Uhler Rd.
Easton, PA 18042
PHONE 215-252-8828

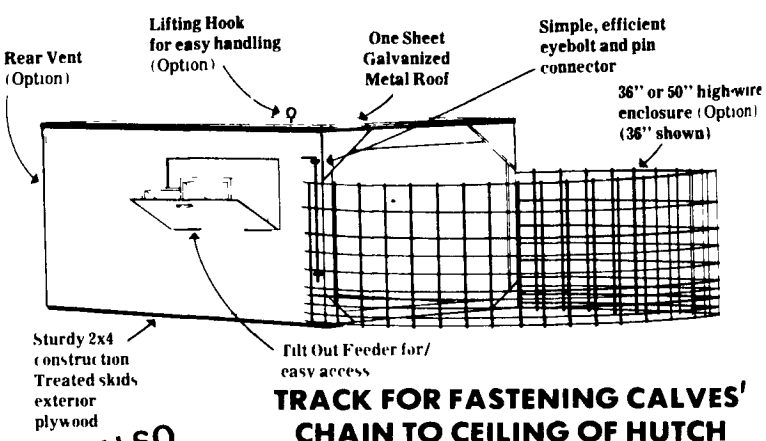


HAY WAGONS FOR SALE
Wood or Steel



3 Sizes Available...16', 18', 20'
with or without running gear
• Also will fit sides onto your flat wagon

Compare the Stoltzfus Woodwork Calf Hutch


Rear Vent (Option)
Lifting Hook for easy handling (Option)
One Sheet Galvanized Metal Roof
Simple, efficient eyebolt and pin connector
36" or 50" high wire enclosure (Option) (36" shown)
Sturdy 2x4 construction Treated skids exterior plywood
Filt Out Feeder for/ easy access

TRACK FOR FASTENING CALVES' CHAIN TO CEILING OF HUTCH

ALSO AVAILABLE:

Lebanon County:
UMBERGER'S MILL
Rt 322, RD#4 Lebanon Pa
717-867-5161

Virginia:
D.J. IMPLEMENTS
RD 2 Box 395
Dayton, Va 22821
703-879-9926

Berks County:
JOE RUTH
RD #4133 Fleetwood, Pa 19522
215-944 7571

Adams County:
HAROLD DEARDORFF
Rt 1, Fairfield, PA 17320
717-642-8722

Maryland:
LEROY HILDEBRAN
Woodsboro, Md
301-845-8929

MFD. BY: STOLTZFUS WOODWORK
RD 2, Box 2280, Gap, PA 17527
717-442-8972

Forces on ag

(Continued from Page E10)

markets. The value of U.S. agricultural exports grew from about 14 percent of farmers' cash receipts in 1960 to 30 percent in 1980.

Today, as much as 40 percent of U.S. crop acreage is harvested for export, compared with 20 percent in 1960. Fluctuations in export demand since the early 1970's have contributed to large variations in farm prices and farm income. Farm income was very stable in comparison during the 1950's and 1960's.

Export demand can rise or fall dramatically with global business cycles, political decisions here and abroad, exchange rates, and the internal supplies, prices, and policies of other nations. At times, the fluctrations have favored many farmers. At other times they haven't. Last year, weak world demand trimmed the value of U.S. agricultural exports to about $35 billion. Earnings would have been more than $50 billion had exports continued to grow at the pace they had set through 1981.

Credit demands

Beyond the additional risks on the income side, and also beyond the scope of traditional farm programs, is another window of vulnerability on the expense side– heavy dependence on credit and on capital-intensive technology from the nonfarm sector.

Farmers borrow to put their crops in the ground, expand their herds, and buy land and machinery. Their dependence on borrowing means they are subject to high and variable interest rates as well as to stable or declining values for land and other assets that serve as collateral for loans.

Around a third of the largest U.S. farms have debt-to-asset rations in excess of 40 percent. That's a risky position. High debt and interest payment obligations can put even large farmers in jeopardy when income swings in the wrong direction and holds there for a few critical years.

Dependence and vulnerability is also apparent in another category of expenses – the machinery, chemicals, and other capital-intensive technology that have become the hallmark of U.S. agriculture and the basis of its impressive productivity.

Technology

At one time, even the horsepower was produced on the farm– the four-legged variety that is fueled on oats instead of petroleum. The image of the self-reliant farm at the very first stage of the production process still lingers in the popular imagination, but it does not describe modern American agriculture.

Much of the work and many of the functions formerly performed on farms have shifted to non farm firms. Farmers purchase more than four-fifths of their production items from outside the sector. Dependence on purchased inputs means they are vulnerable to rising wages and prices – and supply interruptions – in the general economy.

"Feed, seed, and livestock still come from farms," says Harrington, "but much more is now produced on one farm and used on another, with ownership increasingly passing through nonfarm firms on the way."

Mechanization and dependence on other output-boosting inputs have kept farm commodity prices down and turned farming into a high-volume, low-margin business; a business where flexibility, financial or otherwise, is fairly limited. Farmers who successfully adopted the new technologies produced more and got bigger.

Others either got out of farming or became part-time farmers.

Small margin

Expenses for inputs, together with interest on debt, now eat up such a large portion of farm incomes that relatively small changes in production or prices can wipe out the farmer's margin. This makes the sector, in Harrington's option, far more prone to "boom or bust" cash flow situations.

"The sector has lost some of its resilience and flexibility because so many expenses are locked in," he says. "As a result of this decreased flexibility, the industry is in a poorer position to withstand economic or natural shocks such as last year's drought. Its ability to cope with volatility is weakened at just the time that the probability and magnitude of external shocks have increased, primarily because of greater dependence on export markets."

Farm survival

According to Harrington, farm survival and growth have become as much a matter of financial management as production or marketing management.

"The rapid growth in farm asset values in the 1970's, followed by the shocks of the early 1980's, established that financial strategies are the key to growth and survival of farms. The trouble is that financial strategies that spell success in one economic environment can spell disaster in another."

No one can reasonably expect the farm sector to quickly and painlessly adjust to dramatic changes in the economic environment to which it is linked, Harrington says. That's where policy seems to come into the picture. However, recognition of the new vulnerabilities in agriculture does not automatically suggest solutions to farm sector difficulties.

Volatility

Policymakers face several dilemmas. Traditional farm programs do not seem to deal adequately with volatility generated outside the sector. Moreover, income and price support policies can sometimes be self-defeating. High price supports can tie U.S. agriculture's hands in the competition for world markets. Income supports that shield agriculture from unpleasant economic developments can attract nonfarm investors into agriculture, increase the competition for land, and depress farm returns that come from the marketplace.

Prentice argues that farm policies need to be consistent with broader economic policies, but also that agricultural interests and impacts need to be considered in the making of general economic policy. The general economy, he notes, has a big stake in a healthy farm sector.

Agriculture generates $20 billion or more in annual trade surpluses and provides employment for millions of Americans in various related industries. A beleaguered farm economy can be a considerable drain on the federal budget, while each extra dollar in farm income, if generated by demand growth, adds an estimated $2 to the nation's gross national product.

Md. grape grower list available

ANNAPOLIS, Md. — The 1984 Maryland grape harvest is now underway and just in time for those folks who wish to purchase grapes for table eating and wine making. There is a list of grape growers who sell direct in either pre-picked, or "pick your own" styles.

Compiled by the Maryland Grape Growers Association, the list includes 15 vineyards in 9 counties in Maryland and details the varieties of grapes offered, location of the vineyard and telephone numbers for those who wish additional information.

According to George Roche of the Maryland Department of Agriculture's Marketing Services Section, a reference copy of the list has been sent to all public libraries and county offices of the Cooperative Extension Service. Those who wish a copy of their own may obtain one by sending a self-addressed, number 10 (business size) envelope to: Maryland Grape Growers Association, Box HH, Burkittsville, Maryland, 21718.

Maryland vineyards now offer American, French Hybrid and Vinifera grapes over a season that begins in mid-August and lasts until early October.

Eastern Livestock
GAIN MORE
When They're Fed
CFS Waxy Corn!

If you're looking to put more pounds on your livestock without increasing feeding costs, you should be planting **waxy corn** from Custom Farm Seed as your feed grain.

Years of university trials and "on-farm" tests have consistently shown that feeding **waxy** results in a gain improvement of up to **10** percent with the same amount of feed, compared to dent corn. The improved gain and greater feeding efficiency of waxy corn can mean a real **profit improvement** for your operation, whether you're feeding a few head or a few hundred!

For planting in this area, your CFS dealer recommends:

CFS W7764 [formerly W6420]
WELL-FILLED EARS This hybrid has excellent retention of its uniform, well-filled ears
- Excellent stalk quality
- The perfect show ear
- High yield potential
- Husk cover minimizes bird damage

CFS W7851 [formerly W4000]
STATE YIELD TEST WINNER A state yield test winner, with yield potential in the 200+ bushel range
- Outstanding drought tolerance
- Good stalk quality
- Deep kernels
- Maximum yields with high management

"#1 in Waxy Corn"

Visit our AG PROGRESS DAYS exhibit at the end of East 6th Street - 13 Waxy varieties on display.

Custom Farm Seed
Momence, Illinois 60954 AC 815-472-2433
Call your Custom Farm Seed dealer TODAY!

George B. Steele
RD #1, Box 127
Manheim, PA 17545
717/665-6931

STRIKE IT RICH!

SELL IT WITH A LANCASTER FARMING CLASSIFIED

Livestock market and auction news

Lancaster Market

Monday, Nov. 26, 1984
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	1289	157	1044	605
Last Monday	657	161	922	572
Last Year	840	136	945	189
Monday's Auction	1171	164	1045	565
Last Monday's Auction	632	176	804	579

CATTLE: Compared to last Monday; slaughter steers steady to mostly 50 lower, instances 1.00 lower; slaughter heifers steady to 1.00 lower; cows weak to 1.00 lower; bullocks scarce; bulls steady. Supply included 66% slaughter steers, 10% slaughter heifers, 16 % cows, and 8% bulls.

SLAUGHTER STEERS: Few high Choice and Prime 2-4 1200-1350 lb. 70.00-72.00; 12 head 1295-1470 lb. 72.25-73.00; Choice 2-4 1075-1350 lb. 67.00-70.00; high Good and low Choice 2-3 1050-1350 lb. 64.50-67.50; Good 2-3 1100-1325 lb. 63.00-68.00, few 850-1050 lb. 57.00-63.00; Good and Choice 1150-1425 lb. Holsteins 52.50-56.50, few Choice 56.75-61.25, Standard 1150-1350 lb. many sold as feeders 45.75-49.75.

SLAUGHTER HEIFERS: Choice 2-3 900-1150 lb. 61.00-65.50, few Choice 2 65.50-67.50; Good 2-3 900-1125 lb. 54.75-60.00, few 800-900 lb. 53.50-56.00; few Good to Commercial 950-1150 lb. heiferettes 40.75-48.00.

COWS: Breaking Utility and Commercial 2-4 38.00-39.50, few 39.50-40.50; Cutter and Boning Utility 1-3 34.00-38.00, few 38.50-39.00; Canner and low Cutter 31.00-34.00.

BULLOCKS: Good 1-2 900-1100 lb. 52.00-54.00; individual Choice 3 1300 lb. 58.75.

BULLS: Yield grade 1 1300-2035 lb. 47.00-51.75, couple 53.50-54.75; yield grade 2 1125-2100 lb. 44.00-47.00.

VEAL CALVES: Vealers mostly steady; slaughter calves 2.00-5.00 higher. Demand only fair for Holstein bulls to return to farm.

VEALERS: Few high Choice and Prime 225-325 lb. 100.00-110.00; Choice 200-300 lb. 80.00-95.00; high Good and low Choice 160-280 lb. 65.00-75.00; Good 150-250 lb. 55.00-65.00; high Good and low Choice 120-160 lb. 50.00-70.00, 80-115 lb. 35.00-50.00.

SLAUGHTER CALVES: Good and Choice 250-450 lb. 40.00-50.00.

RETURNED TO FARM: Few 95-120 lb. Holstein bulls 60.00-70.00.

SHEEP: Wooled lambs uneven, Choice and Prime mostly steady, Good steady to 1.00 higher; slaughter ewes mostly steady. Supply included around 320 goats.

WOOLED LAMBS: Choice and Prime 90-115 lb. 64.00-67.00; Choice 75-105 lb. 62.00-65.00; Good 50-90 lb. 57.00-63.00.

SLAUGHTER EWES: Utility and Good 15.00-30.00, mainly 18.00-25.00.

GOATS: All goats sold by the head; large mature goats mainly 40.00-51.00; medium sized goats 25.00-40.00; small, mainly kids, 15.00-25.00.

Vintage Market

Tuesday, Nov. 27, 1984
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	756	1058	24	9
Last Tuesday	617	965	24	16
Last Year	1089	1008	13	2

CATTLE: Compared to last Tuesday slaughter steers 2.00-3.00 lower; slaughter heifers scarce; cows steady to 1.00 lower, with Breaking Utility and Commercial mostly 1.00 lower; bulls steady on small supply. Supply included 40 percent slaughter steers and 53 percent cows.

SLAUGHTER STEERS: Six head high Choice and Prime 2-4 1200-1350 lb. 71.00-73.75; six head Good and Choice 1-2 1175-1375 lb. 70.75-73.75; Choice 2-4 1075-1450 lb. 67.00-71.00; high Good and low Choice 2-3 1000-1350 lb. 64.00-67.00; Good 2-3 1000-1250 lb. 60.00-64.00; few Good and Choice 1150-1450 lb. Holsteins 51.75-55.50.

COWS: Breaking Utility and Commercial 2-4 36.75-40.25, couple 40.75-42.25; Cutter and Boning Utility 1-3 34.25-38.00, few 38.00-40.25; Canner and low Cutter 30.00-34.00.

BULLS: Few yield grade 1 1400-1900 lb. 48.00-51.00; couple yield grade 2 1100-1450 lb. 46.00-48.00.

VEAL CALVES: Vealers 2.00-5.00 lower. Supply included 702 in graded sale of which 60 percent sold to return to farm.

VEALERS: Couple Choice 190-300 lb. 76.00-89.00, individual 215 lb. 100.00; high Good and low Choice 120-240 lb. 54.00-70.00, 90-115 lb. 40.00-45.00, 80-90 lb. 38.00-44.00, 70-80 lb. 35.00-39.00, few 55-70 lb. 30.00-35.00.

RETURNED TO FARM: 40 head 100-115 lb. Holstein heifers 46.00-47.00. 250 head 100-125 lb. Holstein bulls 67.00-74.00, 50 head 90-95 lb. 58.00-59.00; 85 head small frame 90-105 lb. 44.00-45.00.

SHEEP: Insufficient volume for a market test. Couple Choice 85-110 lb. wooled lambs 58.00-65.00; few Utility and Good slaughter ewes 12.00-22.00.

GOATS: All goats sold by the head, mainly 15.00-22.00, with three small kids 10.00.

Lancaster Auction

Wednesday, Nov. 28, 1984
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	236	60	570	3
Last Wednesday	222	17	316	16
Last Year	494	83	719	20
Wednesday's Auction	126	60	541	3
Last Wednesday's Auction	52	17	322	0

CATTLE: Compared to Monday; slaughter steers 1.00-2.00 lower; few cows weak to 1.00 lower; slaughter heifers and bulls not tested. Supply included 50 percent slaughter steers and 33 percent cows.

SLAUGHTER STEERS: Choice 2-4 1100-1350 lb. 65.00-67.25; Good to low Choice 2-3 1040-1150 lb. 61.75-65.00.

COWS: Cutter 1-2 35.00-36.00; couple Boning Utility 2-3 37.00-38.00; Canner and low Cutter 31.25-32.50.

BULLS: Couple yield grade 1 1200-1700 lb. 49.75-52.00.

VEAL CALVES: Supply included 20 head Prime special fed bought to arrive; balance mainly high Good and low Choice 80-110 lb. selling at 35.00-50.00.

SHEEP: No market test.

New Holland Livestock

Thursday, November 29

CATTLE: 944. Trends not comparable because no market last Thursday. Supply included 30 percent slaughter steers, 7 percent slaughter heifers, 52 percent cows, 5 percent bulls with the balance feeders.

SLAUGHTER STEERS: Few head high Choice and Prime 2-4 1200-1375 lb. 68.10-69.75; Choice 2-4 1100-1400 lb. 66.00-68.25; high Good and low Choice 2-3 1000-1400 lb. 62.75-66.00; Good 2-3 1000-1300 lb. 60.00-63.50; Good and Choice 1150-1400 lb. Holsteins 51.75-55.00; Standard 1075-1350 lb. 46.00-51.00.

SLAUGHTER HEIFERS: Choice 2-3 925-1175 lb. 61.50-66.00, few head high Choice and Prime 2-3 1050-1175 lb. 66.50-68.50; Good 2-3 900-1100 lb. 58.00-61.00.

COWS: Breaking Utility and Commercial 2-4 37.50-40.00, few 40.25-42.75; Cutter and Boning Utility 1-3 34.00-38.50, few 38.50-40.00; Canner and low Cutter 30.75-34.25.

BULLOCKS: Good 2-3 1000-1250 lb. 56.00-59.00, individual Choice 3 1250 lb. 64.25.

BULLS: Yield grade 1 1350-1700 lb. 50.25-53.00; yield grade 2 1000-1400 lb. 45.00-51.00.

VEAL CALVES: 818. Trend not comparable, no market Thanksgiving Day.

VEALERS: High Choice and Prime 240-350 lb. 99.00-108.00; Choice 220-350 lb. 80.00-99.00; high Good and low Choice 200-350 lb. 55.00-75.00; Good 200-370 lb. 40.00-55.00, few 33.00-40.00; high Good and low Choice 120-200 lb. 45.00-65.00, 80-110 lb. 36.00-45.00.

RETURNED TO FARM: Bulk 90-115 lb. Holstein bulls 58.00-70.00, few 75.00-81.00.

SHEEP: 85. No trend.

WOOLED LAMBS: Choice 75-lb. 62.00-68.00; Good 50-90 lb. 55.00-60.00, few Good 45-60 lb. bu lambs 69.00-85.00.

SLAUGHTER EWES: Util and Good 18.00-30.00.

GOATS: 44. All goats sold by head, mainly 24.00-39.00, six he 40.00-47.00, couple 51.00-56.00.

Lancaster County Weekly

Friday, November 30
Report Supplied by PDA

	Cattle	Calv
This Week	3400	210
Last Week	1747	112
Last Year	4812	201

CATTLE: Slaughter steers 1.0 2.00 lower, instances 3.00 low than last week's high time slaughter heifers steady to 1. lower; cows steady, instances 1. lower; bullocks scarce; bull generally steady, although closin sales 1.00-2.00 higher. Supply u cluded 42 per cent slaughter steer 7 per cent slaughter heifers, 33 pe cent cows, 5 per cent bulls, balanc feeders.

SLAUGHTER STEERS: Fe high Choice & Prime 2-4 1200-13 lbs. 68.00-72.00, with around 2 head 72.25-73.75; Choice 2-4 107 1450 lbs. 66.00-70.00, few early par of week 70.00-71.00; high Good low Choice 2-3 1000-1300 lbs. 62.7 66.00; Good 2-3 1000-1300 lbs. 60.0 64.00, few 850-1050 lbs. 57.00-63.00 Good & Choice 1150-1450 lb holsteins 51.75-56.50, Standar 1075-1350 lbs. 45.75-51.00.

SLAUGHTER HEIFERS Choice 2-3 900-1175 lbs. 61.00-66.0 few head high Choice & Prime 2- 1050-1175 lbs. 66.00-68.50; Good 2- 900-1100 lbs. 55.00-60.00, few 800-90 lbs. 53.50-56.00; few Good t Commercial 950-1150 lb heiferettes 40.75-48.00.

COWS: Breaking Utility & Commercial 2-4 37.50-40.25, few 40.50-42.75, Cutter & Boning Utilit 1-3 34.00-38.50, few 38.50-40.25, Canner & low Cutter 30.00-34.25.

BULLOCKS: Good 1-2 900-1250 lbs. 52.00-58.50, couple individual Choice 3 1200-1300 lbs. 59.00-64.25.

BULLS: Yield Grade 1 1350-1700 lbs. 47.00-53.00, late mainly 50.00-53.00, couple 53.50-54.75; Yield Grade 2 1100-2100 lbs. 44.00-51.00.

VEAL CALVES: Vealers mostly steady; slaughter cows 2.00-5.00 higher. Demand good for holstein bulls to return to farm.

VEALERS: High Choice & Prime 220-350 lbs. 99.00-110.00, Choice 200-300 lbs. 80.00-99.00; high Good & low Choice 200-350 lbs 60.00-75.00; Good 150-370 lbs. 40.00-60.00, few 33.00-40.00; high Good & low Choice 120-200 lbs. 45.00-70.00, 80-115 lbs. 35.00-50.00, few 50-80 lbs 30.00-39.00.

SLAUGHTER CALVES: Good & Choice 250-450 lbs. 40.00-50.00.

RETURNED TO FARM: Bulk 90-120 lb. holstein bulls 58.00-74.00, few 74.00-81.00, several small frame 90-105 lbs. 44.00-55.00, few 100-120 lb. holstein heifers 46.00-50.00.

Joliet Cattle

Wednesday, November 29
Report Supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 1,900; 4 days last week 1,846, same period a year ago 3,493. Trading moderate for the week. Slaughter Steers steady to .50 lower, few instances 1.00 lower compared with Wednesday of last week. Slaughter Heifers ended the week steady to instances .50 lower.

SLAUGHTER STEERS: Choice few prime 3-4 1250-1325# 69.00-70.00 Monday. Choice 2-4 1050-1475# 65.50-69.00, mostly 66.50-69.00 Monday, few loads 1100-1200# 66.00-66.25 Wednesday. Mixed Good and Choice 2-3 1000-1200# 64.00-66.00.

Open 24 hours a day
365 days a year
(717) 394-2611
LANCASTER STOCK YARDS

AUCTIONS
MONDAY
9:00 A.M — Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs
WEDNESDAY
8:00 A.M. — Slaughter Hogs
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
12 NOON — Slaughter Sale Load Lot (5 or more)
FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
8:00 A.M. — Slaughter Hogs

GRADED FEEDER CATTLE SALE
THURS., DEC. 6 11:00 AM

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 87 Years

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only.

B&R CATTLE CO.
RD1, Marietta, PA 17547
Office Phone: (717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph (717) 653 5728
RON RANCK
Ph (717) 656 9849

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Sale Every Saturday
9 A.M.
Hog Sale
Business Phone
717-768-8204
Home Phone
215-458-8518
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

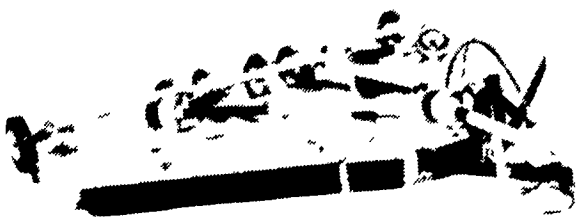
LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE:
JONESTOWN
865-2881
Sale every Tuesday at 1 30 P M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12 30

NEW FOR '84

BUSH HOG®

SEE THESE PRODUCTS AT AG PROGRESS DAYS

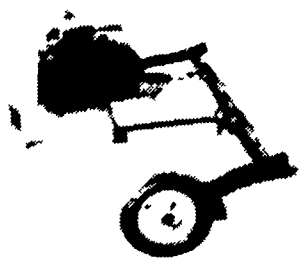
Located On 3rd & Main St.



2615 ROTARY CUTTER
Three section, 15-foot cutter that flexes up 90° and down 22°. Economical and efficient for use on larger acreages. Minimum HP required — 50.

268 ROTARY CUTTER
8-foot rotary cutter offered in a choice of pull and lift models, and offset models for orchard cutting. Available for 540 or 1000 RPM tractors. Minimum HP required-40.

SQUEALER ROTARY CUTTERS
Designed for grass and pasture clipping work and general maintenance cutting. Economical, but highly durable. Offered in a choice of five models: 36, 42, 48, 60 and 72 inch cutting widths.

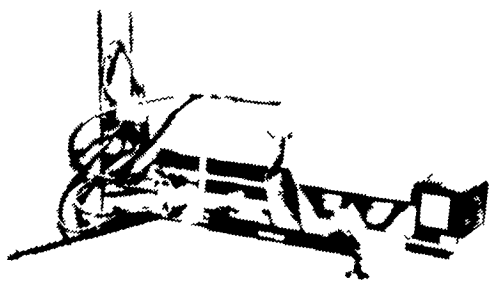


GAS POWERED ROTARY CUTTER
For light and medium grass cutting chores. Mounts to all-terrain vehicles or garden tractors. Available with 8 HP Briggs & Stratton or 11 HP Honda engine. 42'' cutting width.

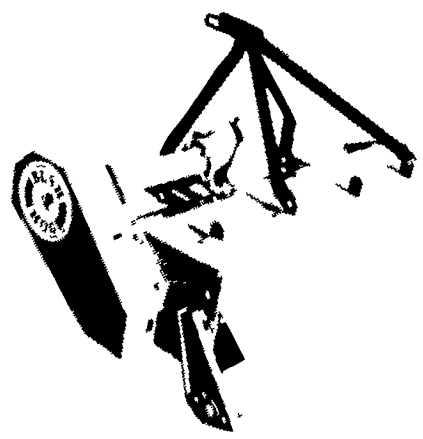
High Quality

Low Price

Company Representatives On Hand To Answer Your Questions

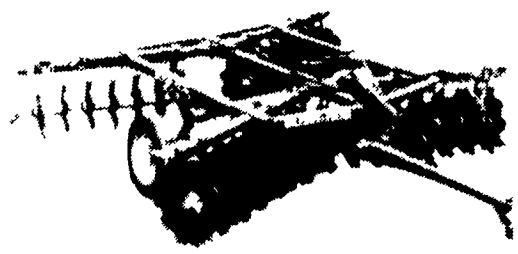


SM60 ROTARY CUTTER
5-foot side mount cutter for 540 or 1000 RPM tractors. Cutter head moves 90° up and 80° down. For tractors with minimum weight of 6000 lbs.

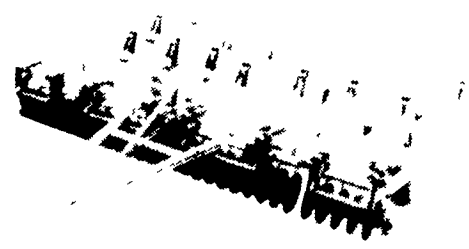


FM, FH SERIES FLAIL MOWERS
Choice of six models in cutting widths from 36'' to 72''. Category I, 3-point hitch. For close turf clipping and heavy mulching jobs. HP range — 15 to 50.

RTL, RTM SERIES ROTARY TILLERS
These rugged tillage tools are available in a choice of widths from 32'' to 60. The RTL series is designed for mini-compact tractors, and the RTM series is recommended for tractors 30-50 HP.



1432 TANDEM DISC HARROWS
Pull type harrow in cutting widths from 7½' to 10½'. Minimum HP required — 30 to 40. 7½'', 9'' or combination blade spacing, 18'', 20'' or 22'' diameter blades available plain or cutout.



1560 COULTER CHISEL
The Soil Hog — a minimum tillage tool that cuts residue, shatters plow sole up to 12'' deep. Widths 6'3'' to 26'3''. Available with rigid or spring cushion shanks, or shanks with shear mount for soils with occasional obstacles.

SEE YOUR LOCAL BUSH HOG DEALER

BINKLEY & HURST BROS. INC.
Lititz, PA
717-626-4705

CLAPPER FARM EQUIPMENT
RD 1
Alexandria, PA
814-669-4465

THOMAS L. DUNLAP
Jersey Shore, PA
717-398-1391

FARMERSVILLE EQUIPMENT, INC.
Ephrata, PA
717-354-4271

GEORGE N. GROSS, INC.
Dover, PA
717-292-1673

A. L. HERR & BROS.
Quarryville, PA
717-786-3521

KELLER'S FARM MACHINERY, INC.
Quakertown, PA
215-536-4046

LEHIGH AG EQUIPMENT
Wescosville, PA
215-398-2553

MILLER SALES & SERVICE INC.
Stewartstown, PA
717-993-2470

NEUHAUS'ES INC.
York, PA
717-428-1954

NICHOLS FARM EQUIP.
Bloomsburg, PA
717-784-7731

PEOPLES SALES & SERVICE
Oakland Mills, PA
717-463-2735

PETERMAN FARM EQUIPMENT, INC.
Carlisle, PA
717-249-5338

STANLEY'S FARM SERVICE
Klingerstown, PA
717-648-2088

STOLTZFUS FARM SERVICE
Cochranville, PA
215-593-2407

STRALEY FARM SUPPLY INC.
Dover, PA
717-292-4443

UMBERGER'S OF FONTANA
Lebanon, PA
717-867-5161

C.J. WONSIDLER BROS.
Quakertown, PA
215-536-1935

1983 Ag Progress Photo highlight

Associate Dean Emeritus Jerome K. Pasto shows how old-time treadmill once worked on a farm. Treadmill is among exhibits in the museum bearing his name to be found at Ag Progress.

3 attend SOE workshop

WASHINGTON, D.C. — Glenn T. Wenger, president of the Pennsylvania Alumni Association; and vo-ag teachers Frederick Stillwagen, of Lehigh County Vo-Tech; and Gerald Strickler, of Eastern Lebanon County, were among FFA members, advisors, teacher educators and state supervisors who met with President Reagan at the White House recently.

The special ceremonies at the White House Rose Garden were conducted in conjunction with the Future Farmers of America National SOE (Supervised Occupational Experience) Workshop.

The week-long workshop, which was planned and developed through sponsorship by DEKALB AgResearch Inc., brought together vocational agriculture teachers, teacher educators and state supervisors to provide materials, methods and motivation to keep SOE and FFA as dynamic and viable teaching-learning components of vocational agriculture in these changing times. SOE programs let vo-ag/FFA members "learn by doing" by placing them in actual job situations in production agriculture and agribusiness. Students conduct their own individual programs and keep their own production and employment records. Such practical work experience lets them learn firsthand about careers in the agriculture industry.

While at the workshop, the workshop participants visited vocational agriculture departments in Maryland, the National FFA Center in Alexandria, Virginia, for an update on FFA activities and also attended numerous workshops to learn new and innovative SOE ideas.

Larry D. Case, right, U.S. Department of Education Program Specialist for Agriculture, Agribusiness and Natural Resources Occupations and National FFA Advisor, greets three participants in National SOE/FFA Workshop, from the left, Glenn T. Wenger, Frederick Stillwagen and Gerald Strickler.

EASTLAND SILO-BEST®

Manufactured for: SEEDWAY INC.

Special Offer!

EASTLAND SILO-BEST!

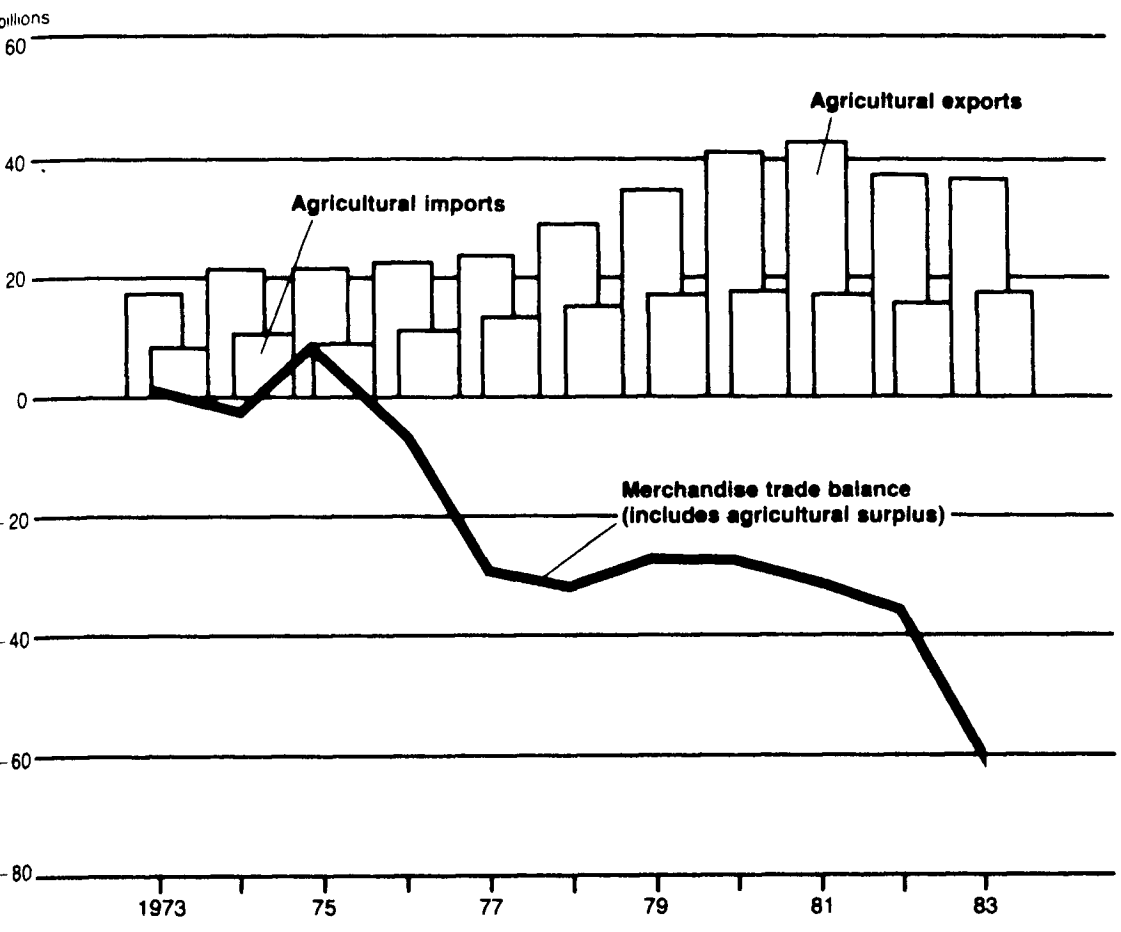
BUY 9 UNITS... GET ONE FREE

When You Order At Ag Progress Days or See Any Seedway Dealer Before September 1st.

See Your Seedway Dealer For More Information Including Feeding Test Results!

SEEDWAY, INC.

Hall, N.Y.
Emmaus, Pa.
Abbottstown, Pa.



Ag and its vital role in world trade

WASHINGTON, D.C. — Although U.S. agricultural exports may be slipping a bit in the early 1980's, we're still selling far more than we buy. The same claim cannot be made for consumer goods and industrial products.

U.S. merchandise trade, which includes farm and nonfarm commodities, is plunging deeper and deeper into the red. In 1981, the trade deficit was $30 billion. By 1982, it had reached $35 billion, and last year it came to more than $60 billion.

This year, agricultural exports are projected to bring in a surplus of about $20 billion over imports. Despite this surplus, a merchandise trade deficit of more than $100 billion is expected, according to the Agriculture Department's Farmline magazine.

Many economists contend that the growing gap will eventually be "corrected" by the marketplace, but the record deficits have prompted pressures for protectionism against foreign-made goods. Concern ofter centers on specific countries and commodities: Japan, with which the United States had about a $20 billion trade deficit last year, and hard-hit U.S. industries such as steel, autos, and apparel. Much of the debate has similarly focused on foreign subsidies, trade barriers, and even alleged dumping of surplus output on the American market.

Unfair trade

Unfair trade practices, where they exist, are a legitimate concern, says economist Art Morey of USDA's Economic Research Service.

However, he is quick to add, "Looking at overall world trade this way offers a superficial explanation for a much more complicated mix of causes." In his view, the major factors in the deficit are the same ones that have depressed sales of U.S. farm goods, and most of them have little to do with any one particular country's trade practices.

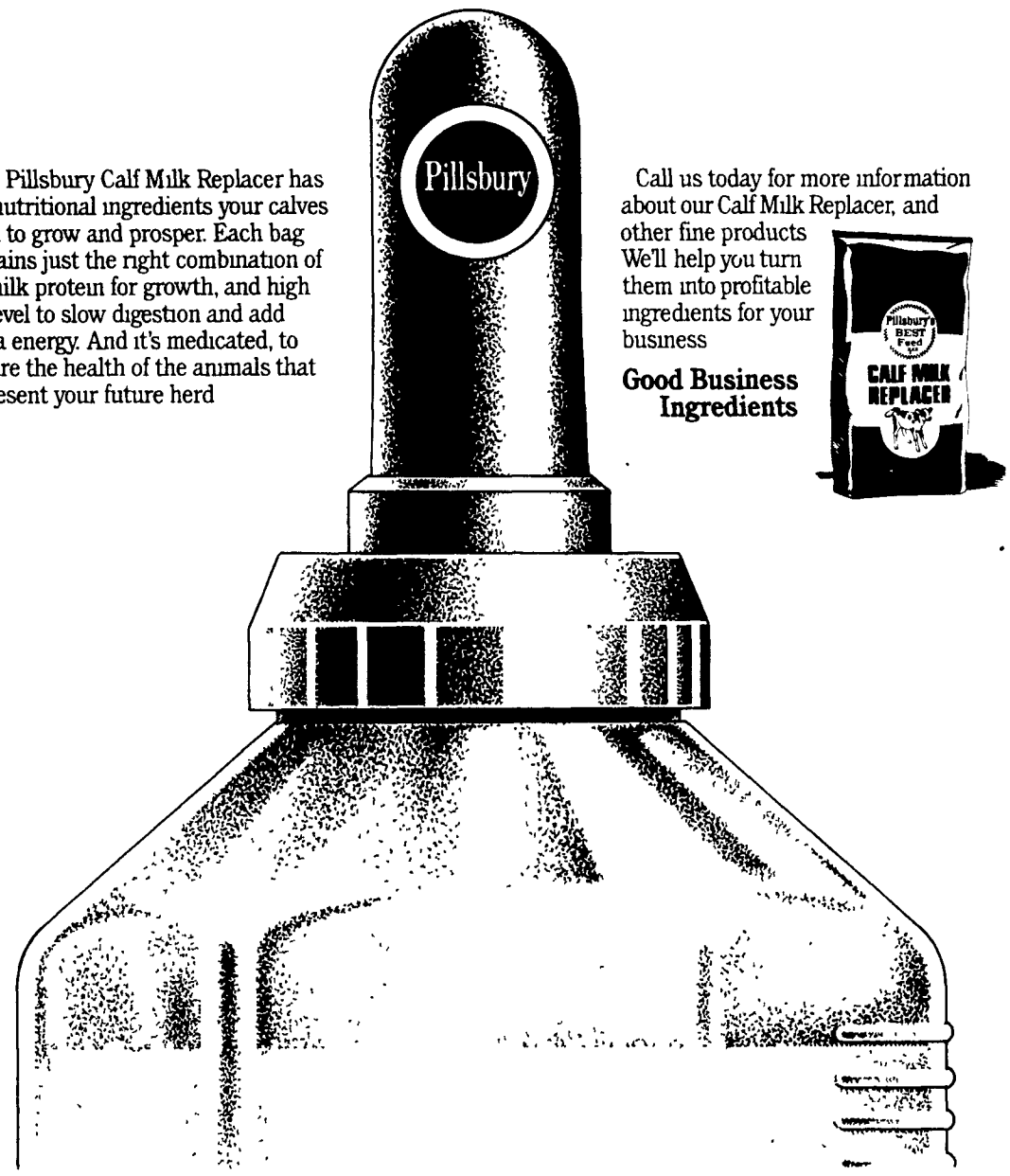
"The trade deficit," Morey says, "is a consequence of complex factors, ranging from the strength of the U.S. dollar and our strong economic recovery to the weakness of the world economic recovery and large foreign debts in developing countries."

Certainly, one reason for flagging U.S. sales abroad has been the persistent strength of the U.S. dollar on foreign exchange markets. "Since 1980, the dollar has increased some 40 percent in value in comparison to foreign currencies," Morey notes.

The strong dollar helps keep

(Turn to Page E16)

Our Milk Replacer is more than a good calf feed. It's a good business ingredient.



Pillsbury Calf Milk Replacer has the nutritional ingredients your calves need to grow and prosper. Each bag contains just the right combination of all-milk protein for growth, and high fat level to slow digestion and add extra energy. And it's medicated, to ensure the health of the animals that represent your future herd

Call us today for more information about our Calf Milk Replacer, and other fine products We'll help you turn them into profitable ingredients for your business

Good Business Ingredients

THE PILLSBURY COMPANY

28 Hiawatha Road Hi-Nella, NJ 08083

(609) 784-0839

1984 The Pillsbury Company

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
SERVICE OF SOMERSET
(814) 443-3456
Also See Ad On Pages B24 & 25

FISHER'S PAINTING
- ALL TYPES OF INTERIOR & EXTERIOR PAINTING
- SANDBLASTING
- ROOF COATING
- RESTORATION & WATER PROOFING ON STONE & BRICK BUILDINGS

We Specialize In Farm Buildings, Feed Mills, Water Tanks, Etc. With Aerial Equipment

If you need good paint, roof coatings, or paint accessories at reasonable prices, stop at our new outlet store.

We buy in large quantities

STORE, SHOP AND OFFICE LOCATED IN OLD STONE BARN AT:
4056A Newport Road
Kinzers, PA 17535
(Across From Pequea Valley School)
717-768-3239

Ag role in trade

(Continued from Page E15)

down the price of imported goods made in Japan, Germany, Korea, and elsewhere, while it makes U.S. products considerably more expensive on the world market.

High U.S. interest rates combined with a low rate of inflation attract foreign investments, driving up the value of the dollar. And because the dollar has been allowed to float freely in currency markets since 1973, its value is buoyed by influences such as the large inflows of foreign money.

The dollar is also buttressed by a strong U.S. economic recovery, which is outpacing the upturn in Europe and other parts of the world.

"With the surging recovery and the image of stability in a politically troubled world, the United States is attracting enormous amounts of foreign investment."

Setting pace

The improving U.S. economy affects the trade deficit in still another way. It boosts the buying of foreign goods by American consumers, who can afford to spend more on imported cars and toher foreign products as their incomes improve.

At the same time, the slower pace of recovery abroad, along with the dollar-inflated price of U.S. goods, means that foreign consumers cannot afford an equal demand for U.S. products, says Morey. From 1982 to 1983, the U.S. gross national product grew at a rate of 3.3 percent, while growth in other major industrial countries averaged only 1.5 percent.

Morey identifies the other major cause of the burgeoning U.S. trade deficit as the tremendous debt burden of developing countries.

Latin America is a case in point. Many countries there have been scrambling to slash imports and expand their exports, he says. U.S. farm exports to Latin America dropped by nearly 20 percent in 1982. From 1981 to 1983, the overall U.S. trade balance with the eight high-debt Latin American countries fell from a surplus of $5.8 billion to a deficit of $14.5 billion.

Success story

"Despite the current troubles, agriculture is still the success story in the U.S. trade picture," says Morey. Although the $40 billion-plus farm exports of a few years ago fell to about $36 billion in 1983, the net surplus of U.S. farm exports over imports was a substantial $20 billion in 1983.

Agricultural sales have remained relatively strong because of a key difference with manufactured goods, according to Morey. "Food is a staple, something more vital and necessary than other, nonfood products." During periods of slow income growth or of price changes resulting from exchange-rate fluctuations, consumpiton of foods remains relatively stable, when compared to consumption of automobiles, clothes, or stereos.

Agriculture is not the only sector adding money to U.S. coffers, and helping to defray the nonagricultural deficit in merchandise trade.

"Another positive part of the U.S. trade picture is the role played by our foreign investment and by service industries," Morey says. U.S. investments earn income from abroad, and U.S. firms that provide financial, marketing, information, and communications services add a substantial plus to our balance sheets. When U.S. income from services, investment, and other factors is matched against the merchandise trade deficit, our overall "current account" deficit shrinks from more than $60 billion in 1983 to a still-high, but more reasonable, $38 billion.

Solutions

The U.S. merchandise trade deficit seems to have had its origins in the early 1970's, when Americans first had to get used to spending additional billions for suddenly more expensive OPEC oil. Oil price rises chilled sales of large American cars and pushed along the acquired taste for imported, gas-efficient automobiles. Morey says oil price increases proved even tougher to take for other countries, which "were forced to choose between oil and other products."

More recently, the United States has brought its oil imports under control, conserving more and shifting to more reliable and, in some cases, cheaper oil suppliers. Automobile imports, however, continued to grow, and more foreign steel, industrial equipment and machinery, and consumer goods widened the U.S. trade deficit.

In an attempt to stem the tide of imports and protect, at least temporarily, some U.S. industries, the United States has slapped formal sanctions on imports of some goods, like specialty steel, and maintained agreements on informal "voluntary quotas" on Japanese cars (currently set at 1.85 million vehicles per year.)

Surcharges

Federal trade officials have also been taking more products off the Generalized System of Preferences list of duty-free products. The GSP, set up in 1976 to spur the economic growth of less-developed countries, waives duties on the import of some 3,000 products from 140 nations. The value of products now excluded from the list, $11.9 billion, is greater for the first time than that of the products on the list, $10.8 billion. Officials have also set up either quotas or other trade barriers on imports of apparel, sugar, and motorcycles

Still more serious steps, such as the imposition of across-the-board surcharges on imports or enactment of the so-called 'domestic-content' legislation for automobiles and other products, have not yet been taken.

Perhaps part of the reluctance to mete out such measures is based on the Administration's free-market stance and on past experience with strong trade barriers. The United States is now considered one of the world's most free markets.

World markets

"Our experience with protectionism in the 1930's in the form of the Smoot-Hawley Tarriff Act shows that trade barriers often hurt more than they help," Morey says. "When high tariffs were enacted in the United States, they actually deepened the Depression and were a major cause of breakdown in the foreign trade mechanism."

If anything happened to the world's trade mechanism, the United States would be adversely affected, he says. In the 1970's, the United States saw its dependence on world markets, particularly for farm products, grow. Any strong U.S.-imposed trade restrictions would provoke retaliation that could cripple overseas markets. "The answer is in increasing our exports, not decreasing our imports."

Morey says the present situation could be viewed as an economic equalizer of sorts, a cyclical phenomenon of exporting U.S economic strength to other lagging nations as we buy their goods.

"As other countries catch up with the recovery in the United States, the value of the dollar should decline, making it possible for these countries to purchase more U.S. goods and trim our nation's trade deficit."

Farm woodlot demonstration to stress management

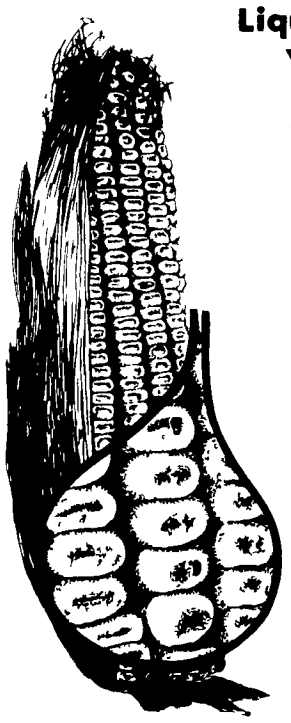
HARRISBURG — Effective Management of the Farm Woodlot is the theme of this year's woodland demonstration at Penn State's Ag Progress Days, August 21, 22, and 23 at Rock Springs.

The demonstration this year will look at not only getting the most wood products from the woodlot but also at doing the best for wildlife.

Biologists of the Pennsylvania Game Commission will join foresters of the State Bureau of Forestry and Penn State in jointly conducting the woodlot tours.

The woodlot demonstration tours are short walking tours and start every half hour. The conservation tour bus drops off and picks up forestry demonstration visitors. The conservation tour bus leaves from the area adjacent to the conservation tent at the west end of West 11th Street. The busses run from 11:00 a.m. to 3:30 p.m. daily.

Thousands of Successful Farmers Can't Be Wrong!



Liquid Fertilizer Will Increase Your Yields And Profits!

Check These Gro-Mor Benefits And Services...

1. Soil Testing (A. & L. Laboratories)
2. On-the-Farm Storage Tanks
3. Discount For Your Own Tank
4. Early Order Discount
5. Early Payment Discount
6. Volume Discount
7. Distributor For Rotec Tanks, (500 gal., 1500 gal. and 2250 gal.)
8. On Farm Consultation
9. Conversion of Equipment for Liquid Fertilizer Use

With More Than 20 Years In The Business...

OUR EXPERIENCE IS YOUR GAIN!

VISIT WITH US AT AG PROGRESS DAYS

GRO-MOR

GRO-MOR PLANT FOOD COMPANY, INC.

281 Farmland Road, Leola, PA 17540
(Lancaster County)

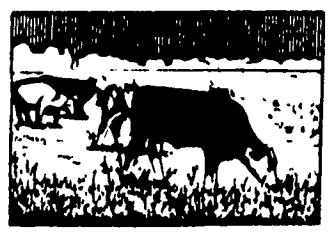
Phone 656-4166

LIQUID FERTILIZER

THE VERSATILE FORAGE THAT MEETS YOUR NEEDS:

* TRICAL

* Formerly Grazer Blend Brand Triticale

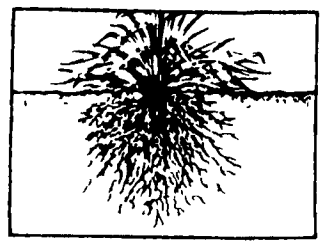


Grazing:
When properly managed TRICAL Forage offers an extended grazing season Also, growers report that TRICAL Forage allows for significantly higher stocking rates

Silage & Hay:
TRICAL Forage is consistently high yielding with excellent nutritional quality and outstanding palatability When properly managed, TRICAL Forage will provide one heavy cutting for silage and can be followed by a smaller cut or grazing a few weeks later

Winter Hardiness:
TRICAL Forage has shown excellent winter hardiness

Adaptability:
TRICAL Forage 1, & II are specifically blended for a wide range of climatic conditions Also, TRICAL Forage will perform well over a broad range of soil types.



Deep Fibrous Root System:
TRICAL Forage is deep rooting which allows for efficient utilization of soil nutrients and moisture

TRICAL
Brand of Triticale

ARCO Seed Company
Subsidiary of Atlantic Richfield Company

A Product of ARCO Seed Company
A United States Company

Fill in Coupon & We'll Send You More Information on **TRICAL**

Mail To

Mr. Jay Shute
Quinton Alloway Rd
Salem, NJ 08079
609-935-2893

OR

Lancaster Farming
Box B366-B261
Lititz, Pa.
17543

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Annual hay show is always a popular event at Ag Progress Days. Shown recording entries in last year's competition are, from the left, Lisa Spots, of Penn State; Cy Chadwick, Extension Agent; and Al Dugan, of Milton Hershey Farms.

Hay show is Ag Progress feature

ROCK SPRINGS — Pennsylvania farmers will have an opportunity to show their top hay samples in the State Hay Show which will be held as part of the 1984 Ag Progress Days. The Hay Show and Ag Progress Days are scheduled for Tuesday - Thursday the Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45.

Ag Progress Days, one of the largest outdoor educational shows in the east, shows Penn State's support of the state's $3 billion agricultural industry. More than 80,000 visitors attend each year.

"A scheduled event for more than 26 years, the State Hay Show attracts 125 to 150 exhibitors and usually 200 to 250 of the top hay samples from around the state," says Sidney Bosworth, Penn State Extension agronomist.

Hay may be entered in one of three sections: field cured, heat finished with no preservative, or field cured with a preservative. There are 13 separate classes of hay in the field cured and heat finished sections and six classes in the field cured with a preservative section.

Bosworth says samples submitted for the show should be bale sections of cured hay at least 8 to 10 inches thick. Exhibitors may enter in as many classes as they wish, but no exhibitor will be permitted to enter more than one sample in a class.

All entries must be brought or delivered to the Hay Show tent by 10 a.m. on Tuesday. If possible, exhibitors should take their samples to the tent on August 20 to facilitate handling. Hay shipped prior to these dates should be clearly marked as Hay Show Samples and sent to Dr. Sidney Bosworth, 106 Agricultural Administration Building, Universty Park, PA 16802.

Samples are judged according to color, leaf size, freedom from deterioration, and state of growth. All samples will be judged starting at noon on August 21. Those entries placing first, second, and third in each class will be stored for display at the 1984 Pennsylvania Farm Show.

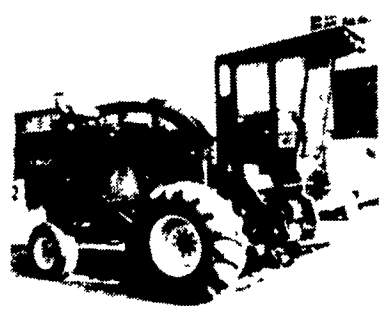
The first word in Forage Harvesters is always Fox Brady

Simplicity in motion

Model 6460: Sized and priced for the farmer who s ready to switch to self propelled harvesting 200 HP at 2800 r p m Also shown is Model 8084 seven foot heavy duty hay pickup with quick detachable teeth and retractable finger

3 new self-propelled models

Three new ways to make harvesting easier! Sit back and relax in the new air conditioned cab with Easy Ride seat, tinted glass and fingertip electronic controls to operate all attachments Fox hydrostatic drive enables you to chop at top r p m as you vary ground speed or go smoothly into reverse. And you can add 4-wheel drive for extra tonnage and more productive time in the field All models are equipped with a powerful, long-life Detroit Diesel engine

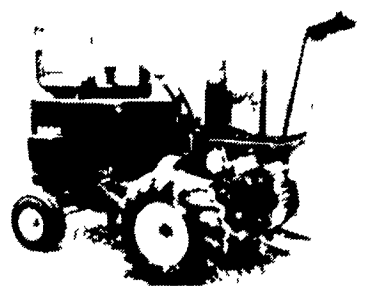


Model 6660: More power and more production for the farmer who has more field to work 277 HP at 2100 r p m

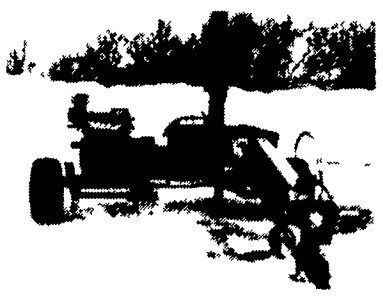
Model 4310. Up to 145 PTO HP at 1000 r p m Weight 4355 lb

2 new PTO models

These two new PTO models provide up to 15% more capacity, using about the same horsepower as previous units Both are long on durability with one-piece, welded, tubular steel frames, heavy-duty drive components and one of the heaviest cutting cylinders available Easy operating too, as it takes only a few minutes to connect or disconnect the universal PTO drive to any of the forage heads Length of cut adjustments and lubrication are also refreshingly simple



Model 6860. For the really big operator who needs to chop more crop to stay ahead 345 HP at 2100 r p m



Model 4410: Up to 250 PTO HP at 1000 r p m standard with hydraulic drawbar torque and self contained electric over hydraulic control Weight 4855 lbs

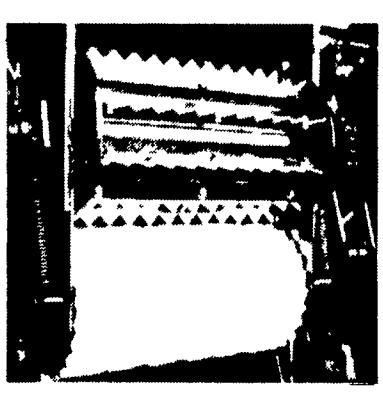
3 new corn heads ►

Fox offers three new corn harvesting heads —two, three and four row models Each features exclusive fail-safe chain monitor system and the two and three row models feature fast row spacing adjustments from 30" to 40" All are Fox tough, efficient and perfectly mated to the demanding capacities of Fox forage harvesters Backed by full one-year warranty

Chain monitor
◄ and quick adjusting row spacing

New optional iron sensor ►

Senses all ferrous metals and immediately stops feed rolls and attachment head to keep such metal from damaging your machine or livestock. Will fit any Fox forage harvester with electric clutch.



Simplicity in motion. For the complete story on these all new Fox forage harvesters and attachments, visit your Fox Brady dealer or come see the complete line of Fox Brady Equipment at the Pennsylvania Ag Progress Days.

FOX BRADY

PIPER INDUSTRIES, INC.
3800 WEST WISCONSIN AVENUE
P.O. BOX 1279
APPLETON WISCONSIN 54912 U.S.A.
414 739 3631

HOULE
WIC
US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local

- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains
- Bedding Choppers
- Silage Carts
- Manure Tanks
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
RON ACKENBAUCK
(215) 863-5524
Also See Ad On Pages B24 & 25

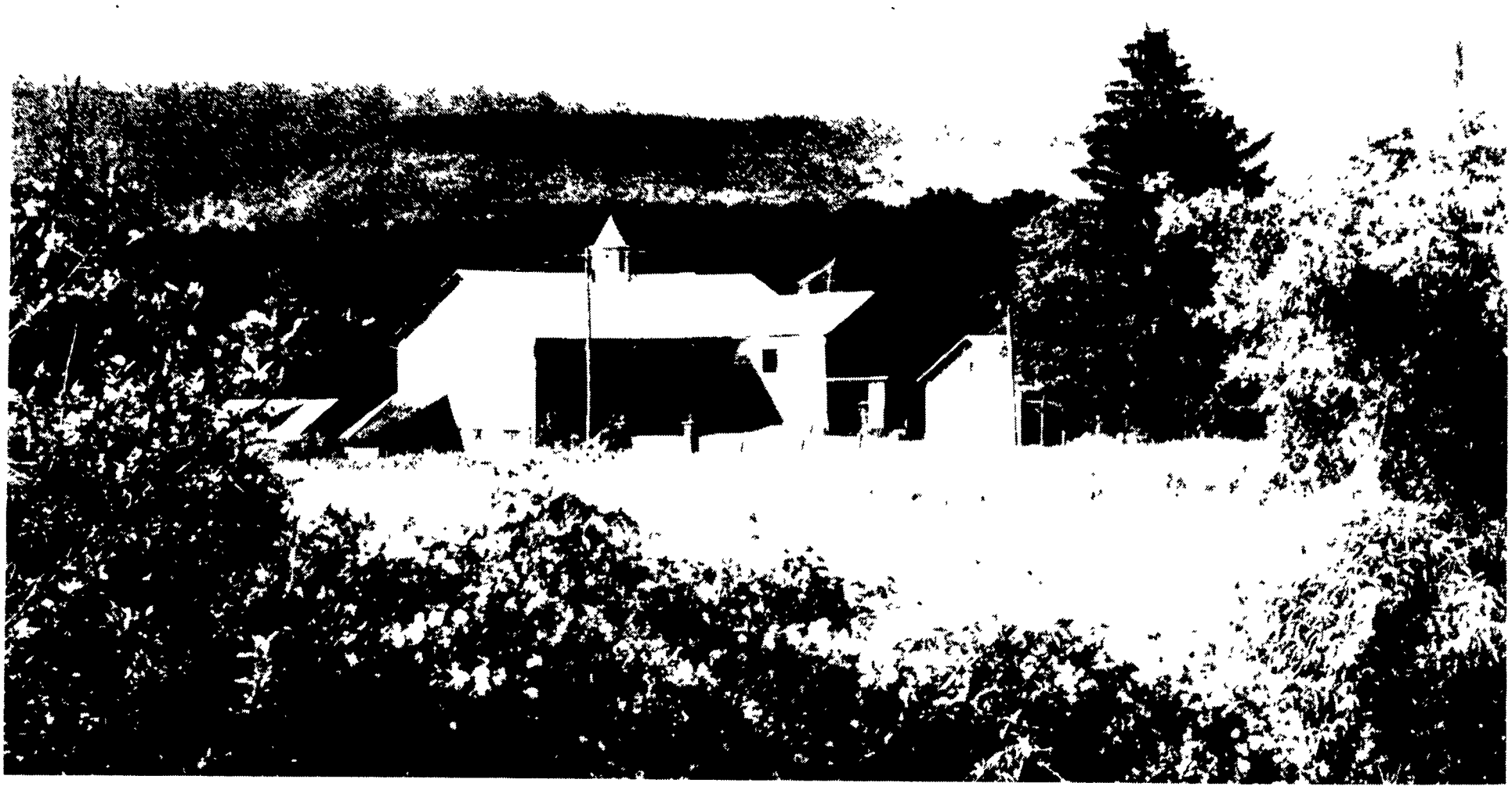
EAR CORN

Paying Top Prices For Good Quality Ear Corn

- Wet or Dry
- No Quantity too large or too small
- Fast Unloading - Dump on Pile & Go
- Easy access - 2.2 miles off 283 bypass-Manheim, Mt. Joy exit
- Daily Receiving 7:30 A.M. to 5 P.M. - unloading evenings & Saturdays by appt.
- Trucks available for pick up at your farm.

Call Anytime For Price
717-665-4785
JAMES E. NOLL GRAIN

Farmland Preservation - It's Worth It



State College, Pa.

Photo by Dick Anglestein

FRANK A.
FILLIPPO, INC.

— WANTED —

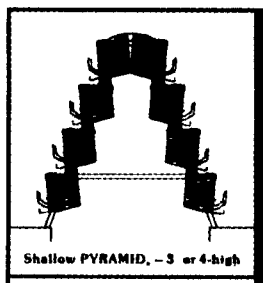
DISABLED &
CRIPPLED COWS,
BULLS & STEERS

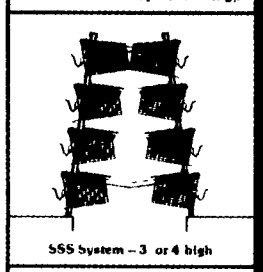
Competitive Prices
Paid

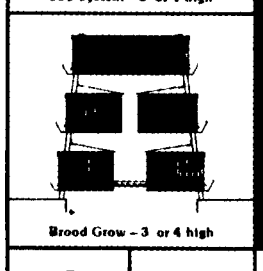
Slaughtered under
government inspection

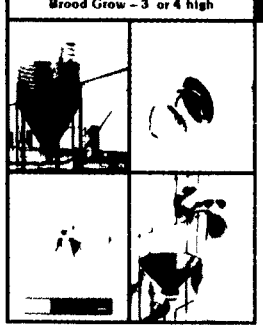
Call:
Frank Fillippo -
Residence - 215-666-0725
Elam Ginder - 717-367-3824
C.L. King - 717-786-7229

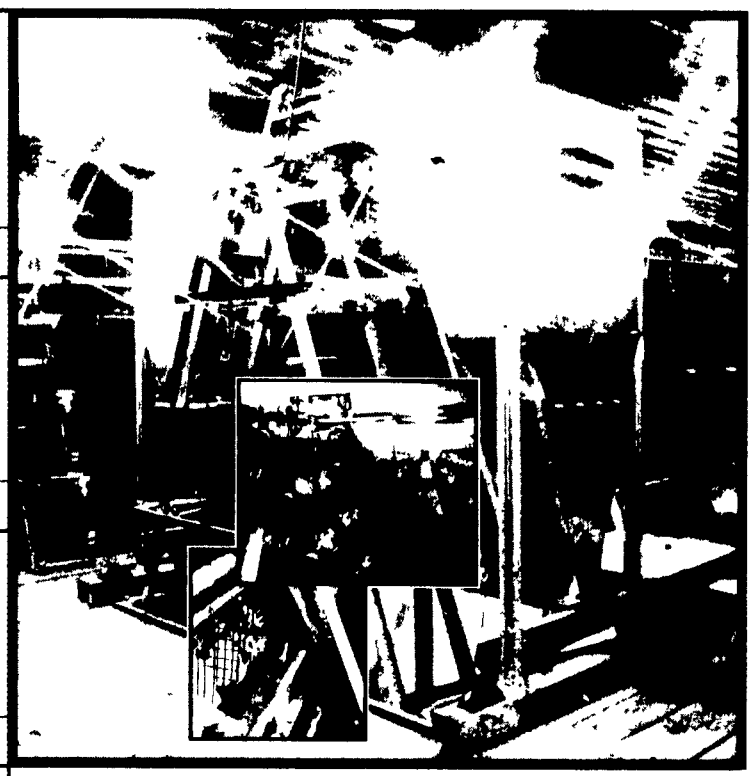
Fast track
to egg cost reduction


Shallow PYRAMID, – 3 or 4-high


SSS System – 3 or 4 high


Brood Grow – 3 or 4 high





Chore Time's MEALMASTER FeedKar traveling feeder can help you get your egg costs on track Here s how

1 The typical chain feeder uses 1½ hp to feed each cage tier – 6 hp for a 4 high Our hopper system traveling on tracks is pulled by a cable using only ¼ hp – a 95% energy reduction!

2 Cuts feeder maintenance and labor costs to virtually "zero" You know what a chain feeder costs to maintain!

3 Evens out egg production from one end of the row to the other – birds at the front can t "highgrade" the feed

We'd like to talk to you about the other ways the nearly 200 feeders we ve sold are helping owners Our FeedKar is now standard on all Chore Time brood grow and layer cages our famous shallow PYRAMID and new deep PYRAMID our 3 and 4 high SSS

Find out more about the FeedKar – plus our line of cage systems and the Chore Time "total package" of feed bins auger ventilation and waterers

Northeast agri systems

NORTHEAST AGRI SYSTEMS, INC

P O Box 187
Fitchville, CT 06334
Phone (203) 642-7529

Local Representative
DAVID NEWMAN
(717) 299-9905

CHORE-TIME

Ag technology will be on parade

ROCK SPRINGS — Agriculture works for you At Penn State's Ag Progress Days, Tuesday through Thursday, you can see the machinery and research that support Pennsylvania's number one industry.

Held annually at the University's 1,500 acre Rock Springs research facility, this show attracts tens of thousands of visitors. They come to see one of the largest outdoor showcases of agricultural technology in the East.

Visitors also come to learn about new University programs and see millions of dollars of agricultural machinery in operation

Rock Springs is located nine miles west of State College on Route 45 Show hours run from 9 a m. to 5 p.m

More than 300 exhibits in tents, booths and buildings line the farm lanes during the even Penn State faculty will be on hand to answer your questions about garden and lawn design and maintenance, plant selection, insect control, and weed identification and control

Visitors can see the latest developments in food preservation and learn more about using microcomputers, sewing with sheets, financial management that works, and the ins and outs of child safety seats

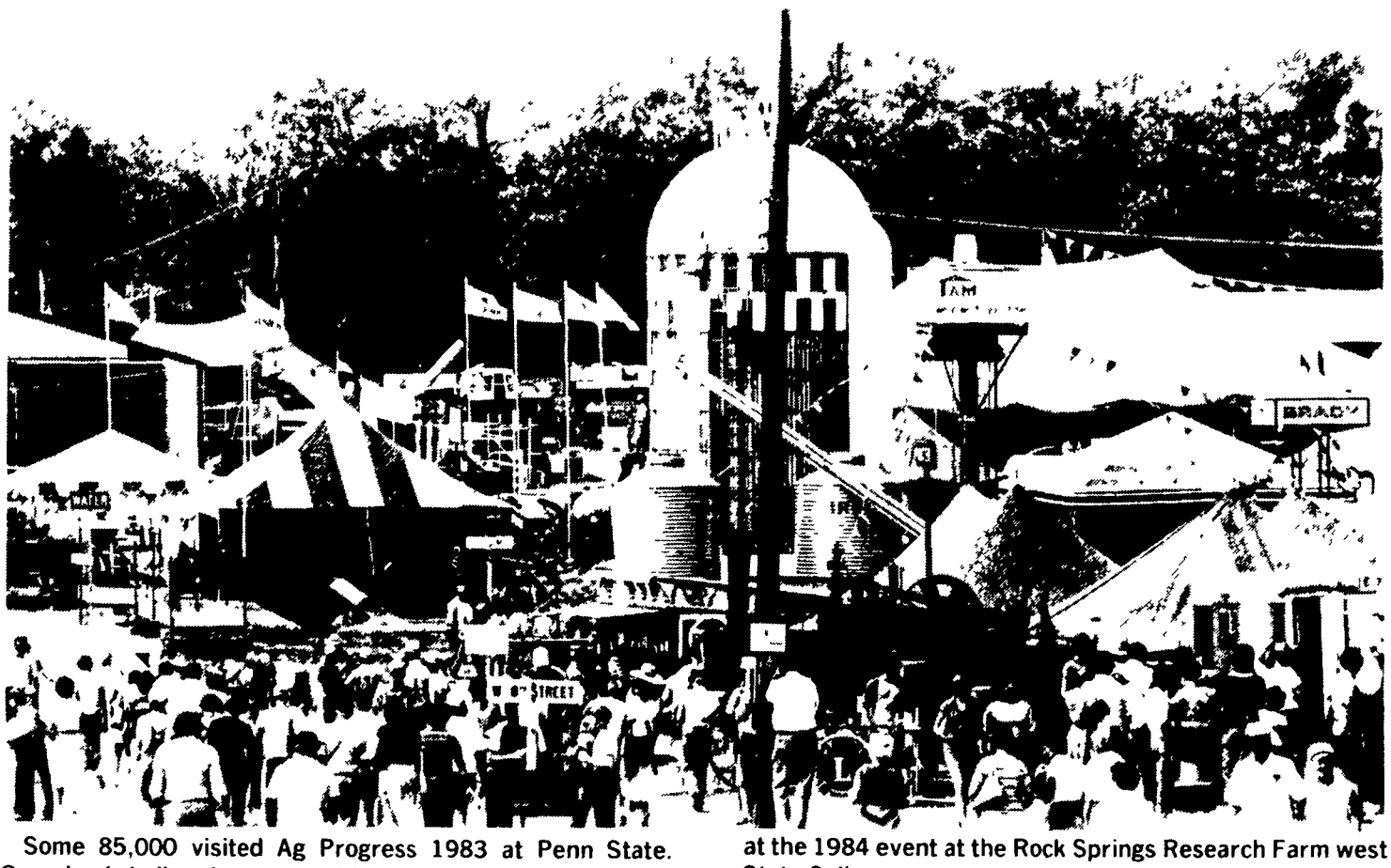
You can take a 30-minute bus tour of the University research plots and see how new plant varieties are developed and tested Conservation education tours will also be offered, as will a woodland tour It will show the latest in forest management techniques

Ag Progress Days visitors are invited to tour Penn State's University Park campus Bus service will be provided, beginning at 8 45 daily

A visit to Ag Progress Days should include a walk through the Pasto Museum. There you can see hundreds of farm and household tools of past generations, including a special exhibit on the evolution of the mousetrap

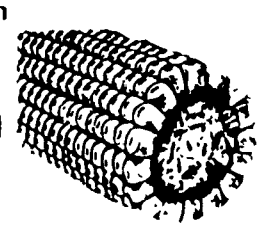
An added attraction this year will be a country store in the big red barn at the site, where Pennsylvania products will be offered for sale

The Ag Progress Days site is nine miles southwest of State College on Route 45 It's open from 9 a m to 5 p.m all three days Admission and parking are free. Visitors also may park at Penn State's Beaver Stadium next to the main campus and take a bus to the site.



Some 85,000 visited Ag Progress 1983 at Penn State. Crowds of similar size or even bigger are expected next week at the 1984 event at the Rock Springs Research Farm west of State College

More farmers each month prefer to buy their



• EAR CORN
• HAY
• STRAW
• PEANUT HULLS

from us for better value and all around satisfaction At farm or delivered, any quantity as your requirements may be

Area Code 717-687-7631

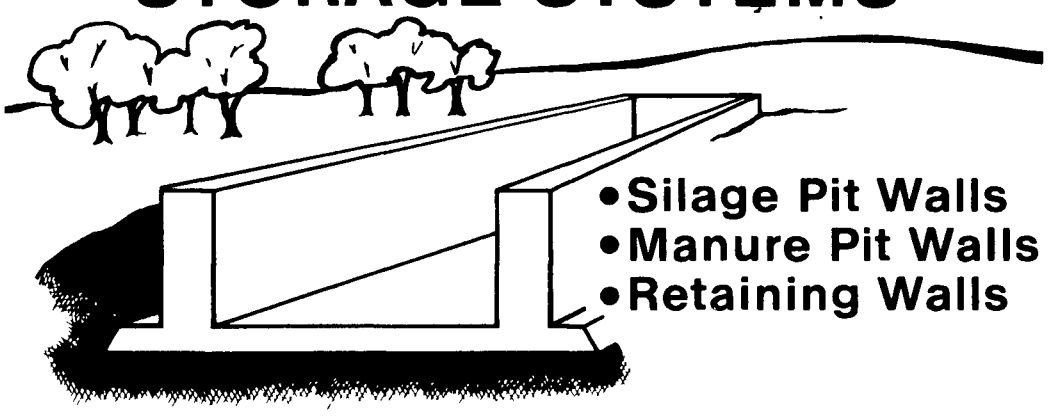
ESBENSHADE TURKEY FARM
"America's Oldest"
PARADISE, PA

HOULE
WIC
US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
Available From
RUMMEL DISTRIBUTING
(412) 352-9219

• Liquid Manure Pumps
• ELECTROMIX
• Barn Cleaner Chains
• Bedding Choppers
• Silage Carts
• Manure Tanks
• Free Stalls
• Self-Locking Panels
• Comfort Stalls
• Gutter Grates

Also See Ad On Pages B24 & 25

POURED SOLID CONCRETE
STORAGE SYSTEMS



•Silage Pit Walls
•Manure Pit Walls
•Retaining Walls

Increase Your Volume By In-Ground Storage Any Size

Balmer Bros.

CONCRETE WORK, INC.
410 Main St. • Akron, PA 17501 • (717) 859-2074 or 733-9196

Standing Room Only!

That's all it needs...*standing room for one man...* and it moves tons of manure fast!

Berg Hydro-Man IV Vertical Manure Conveyor

Compact, vertical design is the secret! Uses much less barn floor space than other mechanical systems Friction and wear are low, because the vertically-operating plunger puts no weight on its seals And, the massive plunger works with gravity and hydraulic down-pressure to push manure, quickly, underground, from barn to storage Handles heavier-bedded manure, slurry and liquids from manure removal systems

Send coupon today for FREE, COLORFUL BROCHURE!

BERG
BUILDS EVERYTHING BETTER FOR BARNS

Berg Equipment Company, Marshfield, Wisconsin 54449 U.S.A.
Jamesway Farm Equip. Ltd., RR-2, St. Isidore de Prescott, Ontario, Canada K0C 2B0
Berg Equipment Co. (Canada) Ltd., RR-6, London, Ontario N6A 4C1
Berg Equipment Limited, RR-2, Brandon, Manitoba R7A 5Y2 Canada

Rush facts about Berg Hydro-Man IV Vertical Manure Conveyor to

Name _____
Address _____
City _____ State _____ Zip _____
Telephone _____

Also send
☐ Barn Cleaner
☐ Cow Stalls
☐ Ventilation
☐ Feeding Systems

S 11

VISIT US AT AG PROGRESS DAYS

FREE BERG TRAVEL MUG

...when you invite us out to your farm to learn how ***you get more for your money when you BERG YOUR BARN!*** *We'll bring the coffee, too, Call your participating Berg Dealer or send the above coupon today.*

Improve the efficiency of y

In today's economy you need to get the most out of every aspect of your farm management. Manure is no exception.

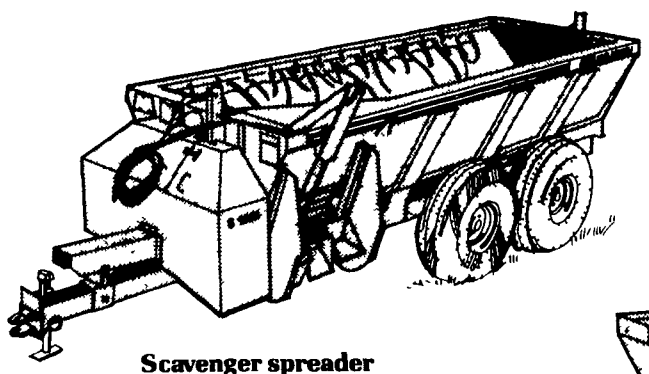
With high-efficiency feeding programs your manure is a lot different than it was 15 years ago. And it can play an important role in your overall farm operation. Simply, an efficient manure handling and storage system can save you both time and money.

But modern manure storage systems may have rendered your conventional spreader obsolete.

You know the problems. Slow, sloppy load-outs from storage. Uneven spreads that leave "hotspots" all over your fields. And design limitations that let your system's benefits run right out your spreader's leaky endgate.

Today you need equipment to handle your manure as efficiently as you store it. Equipment that gets you into the field faster. And lets you spread when it best suits you and your crops.

Hedlund/Martin manufactures specialized equipment for today's manure handling

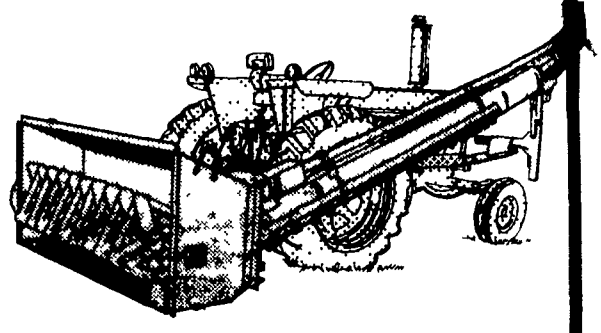


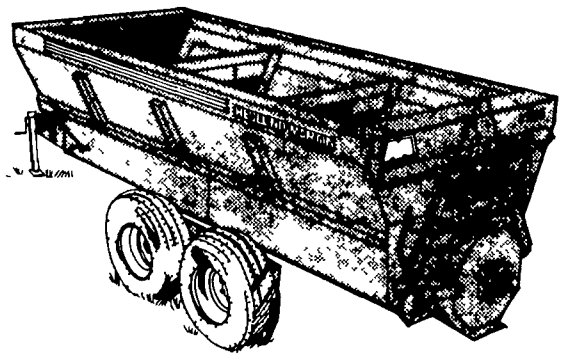
Scavenger spreader

Handles the kinds of manure produced today—liquid, semi-solid, pen pack (even frozen)—all year round. Revolutionary movable auger breaks up manure and eliminates bridging. And Martin-design Variflo discharge lets you choose your optimum rate of application—from top dressing to heavy springtime spreading.

Equalizer loader

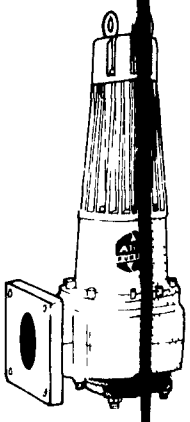
The revolutionary way to load manure out of your in-ground storage. No need to pump or agitate your pit—Equalizer churns crusts, clods and liquids into a smooth slurry that is fed directly to your spreader. Saves you time, money and gets you into your fields fast!





Vanguard spreader

The cost-effective machine designed specifically to let you haul high volumes of semi-solid manure. Unique, easy-to-load design and high-speed rear expeller let you spread quickly. And internal auger works with extra-heavy rear fan to give you wide, even patterns.



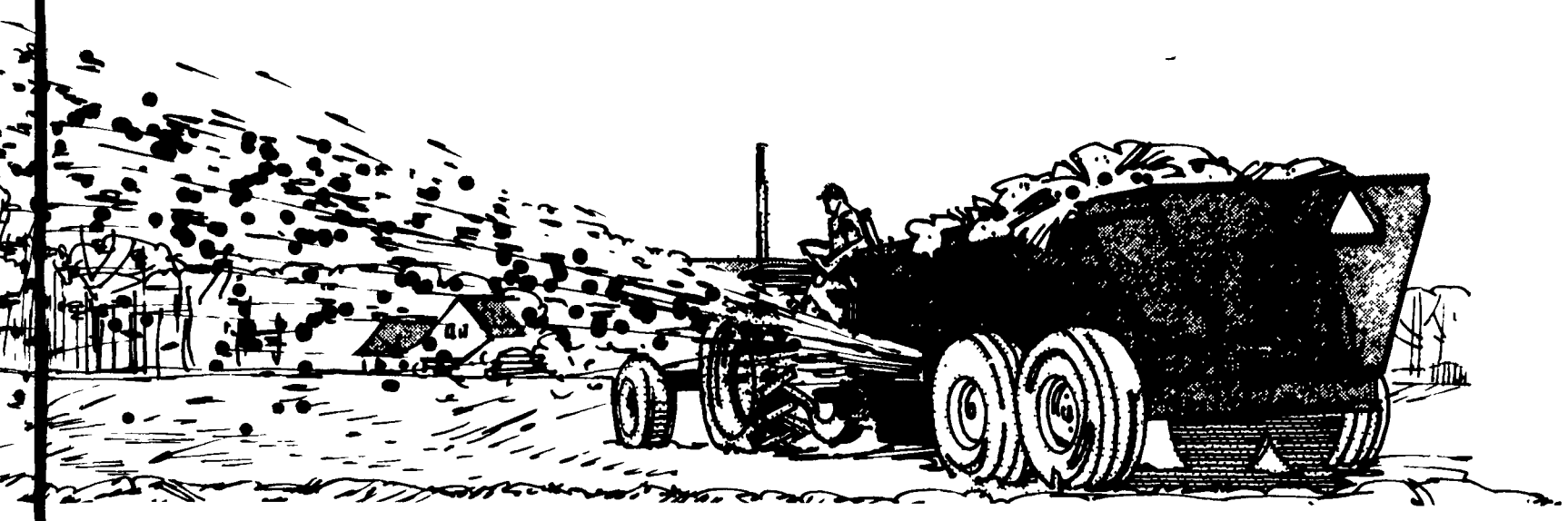
ABS submersible pump

Use the ABS to process manure from your barn and pump it to storage. Portable, ABS also agitates the manure in your structure. Exclusive cutter disc is the most effective manure conditioning system available. Comes with five-year limited warranty.

"See us at Penn State's Ag Progress days"

Innovators in modern m

f your manure management.

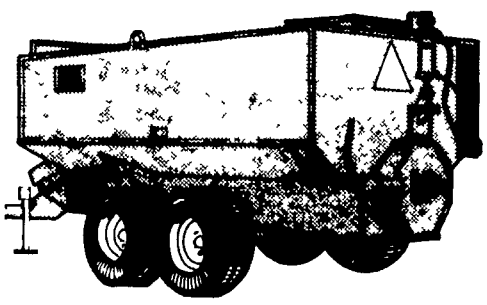


needs. Like the revolutionary Scavenger spreader—based on a whole new design technology that lets you do more, faster, with less bother. And that's the concept behind every piece of manure handling equipment we build.

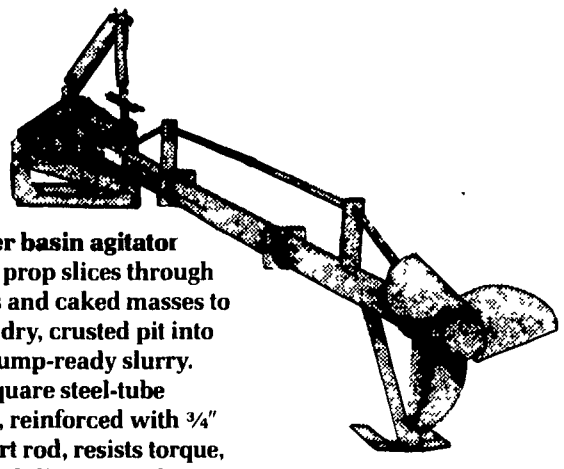
From the Vanguard spreader and Equalizer loader, specially-designed to make fast work of loading and hauling semi-solid manure. Or the large capacity LT to spread liquid manure quickly and evenly over all kinds of terrain. To a full line of support equipment for your semi-solid and liquid manure handling needs. Basin agitators. Basin pumps. Submersible pumps.

They're all designed for convenient operation and low maintenance to put you in complete control of your manure management system. And that saves you both time and money.

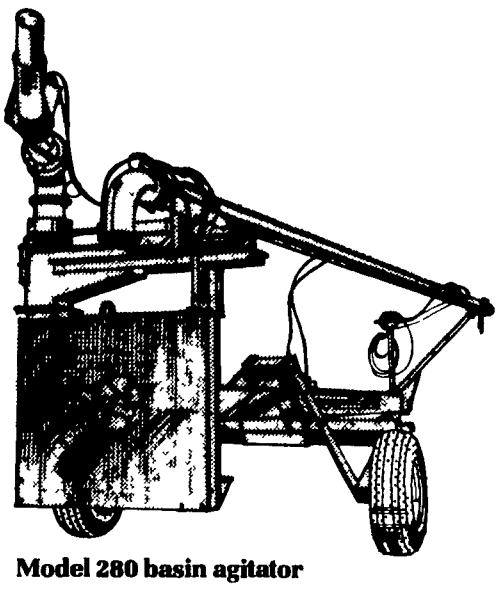
For more information see your local Hedlund/Martin dealer or write Dept. H-3, Hedlund/Martin, Inc., 841 Kutztown Road, Myerstown, PA, 17067. (717) 933-4151



LT liquid manure spreader
Specially-designed auger agitates manure and delivers it to high-speed rear fan for consistently even spreads. Positive seal rear gate eliminates spillage. Both pull type and truck mounted models come in three sizes: 1,800, 2,600 or 3,300 gallon capacity.



Roto-Beater basin agitator
Oversize prop slices through tough clods and caked masses to blend your dry, crusted pit into a smooth pump-ready slurry. Strong 4" square steel-tube mainframe, reinforced with ¾" arch support rod, resists torque, increases stability. Versatile 3-point hitch easily attaches to Category II or III tractor.

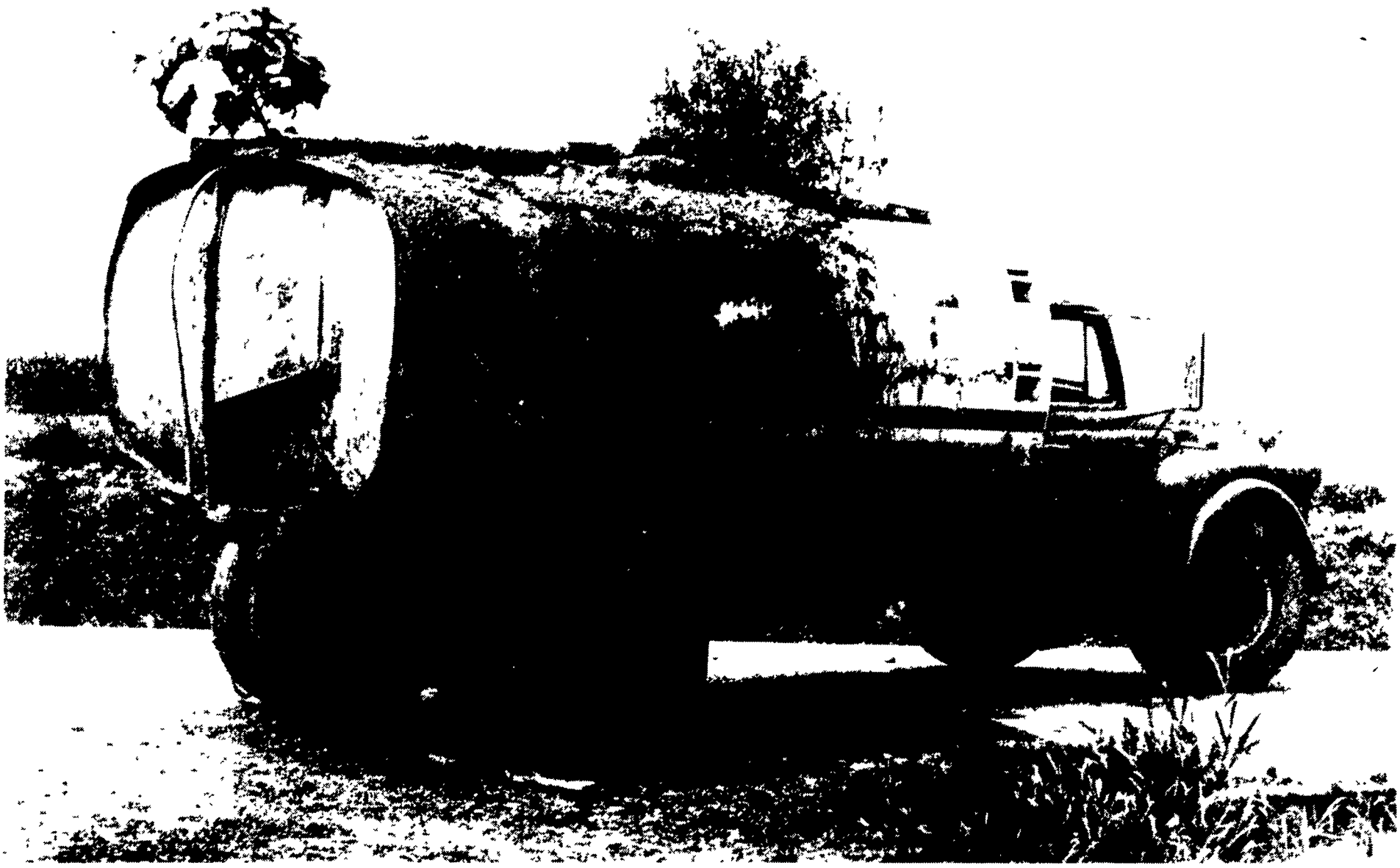


Model 280 basin agitator pump
Fully hydraulic functions give you fingertip control—no need to wrestle with hand cranks or throw levers. Lets you mix or load up to 6,000 gallons a minute quickly, easily.

n manure management

HEDLUND MARTIN

Ag's fight to survive is daily struggle



Liquid manure truck grows its own camouflage

Pesty plants cling to stubborn will to live

Photos by Joyce Bupp

Are these feeder roots?

Hanging potato basket plant

Give me a crack and I'll grow

DO YOU KNOW THE FACTS ABOUT MILK?

FACT: Milk is the most nearly perfect food, contains all the nutrients (food elements) that we need for growth and good health. ONLY MILK has these elements in such amounts that can work as a "team."

FACT: Milk is one of the easiest foods for the body to digest.

FACT: Milk contains protein, carbohydrates, fats, minerals and vitamins, all the nutrients needed for a healthy body and sturdy bones and teeth.

FACT: Protein from milk, nutrition experts call complete protein, because they contain every amino acid essential for building blood & tissue.

FACT: Milk protein not only has more amino acids than Plant Protein, but also provides them in greater amounts than the protein of eggs and most meats.

FACT: Milk fat or butterfat provides energy and essential fatty acids that our bodies cannot make.

FACT: Milk fat contains vitamins A, D, E, and K; traces of lecithin. Milk fat also gives milk its flavor.

FACT: Milk sugar, called lactose, makes up most of the carbohydrate contents of milk. Bodies burn milk sugar for energy. Doctor's believe that lactose, combining with calcium and phosphorus in milk, helps build strong bones & teeth.

FACT: Few natural foods besides milk contain as many vitamins in the amounts so close to what our bodies need.

FACT: A dairy cow that produces 16,000 lbs. of milk with a 3.8 test will produce in 1 year:
560 lbs. of protein, 608 lbs. of butterfat, 768 lbs. of carbohydrates, 112 lbs. of minerals & vitamins.

MILK- NATURE'S BEST!!!

SEE YOUR LOCAL MUELLER DEALER

PENNSYLVANIA

Rufus Brubaker Refrigeration
614 Penryn Rd
Manheim, Pa 17545
PH. 717-665-3525

Rt. 3, Box 437A
Quarryville, Pa 17566
PH: 717-786-1617

Rt 1, Box 466
Palmyra, Pa 17078
PH: 717-469-2674

Dairyland Sales & Service
RD 2, Box 43
Troy, Pa. 16947
PH: 717-297-4128

Franklin D. Hess
Farm Equipment
RD 2
Orangeville, Pa 17859
PH: 717-925-6939

Jim's Equipment
Jim Giemboski
RD 4, Box 233
Tunkhannock, Pa. 18419
PH: 717-836-3228

K.C. Dairy Service
RD 2, Box 2332
Mt Bethel, Pa 18343
PH: 717-897-5141

Longacre Electrical Service, Inc.
602 Main St
Bally, Pa. 19503
PH: 215-845-2261

Martin's Dairy Service, Inc.
RD2, Box 197
Troy, Pa. 16947
PH: 717-297-3972

Martin's Refrigeration Service
1122 Woodstock Rd.
Fayetteville, Pa. 17222
PH: 717-352-2783

Northampton Farm Bureau
300 Bushkill St.
Tatamy, Pa. 18085
PH: 215-258-2871

Penn York Refrigeration
RD1
Knoxville, Pa 16928
PH: 814-326-4496

Shartlesville Farm Service
RD1
Hamburg, Pa. 19526
PH: 215-488-1025

Wehr's Dairy Equipment
RD2, Box 85
Mifflinburg, Pa 17844
PH: 717-966-1396

DELAWARE

Bennett Machine Company
1601 South
Dupont Boulevard
Milford, DE 19963
PH: 302-422-4837

NEW JERSEY

Gardner's Electric
217 State St
Elmer, NJ 08318
PH: 609-358-7271

NEW YORK

Charles Olin & Sons
575 Philo Road
Elmira, NY 14903
PH: 607-796-2186

MARYLAND

Dairymen, Inc. Middle Atlantic Division
600 Liberty Rd
Sykesville, MD 21784
PH: 301-795-2727

Laurel Run Farm Supply
RD2, Box 117
Grantsville, MD 21536
PH: 301-895-5567

George M. Priest, Jr., and Sons
RD8, Box 142
Hagerstown, MD 21740
PH: 301-733-6661
301-797-3921

VIRGINIA

Dairymen Speciality Co. Inc.
RD8, Box 4
Harrisonburg, Va 22801
PH: 703-433-9117

Sales Representative Emerson Snee RD 1 Box 28 Wind Ridge Pa 15380 PH. 412-685-5384

MUELLER
Dairy Farm Equipment

See The Mueller Dairy Equipment Display At AG PROGRESS DAYS August 21, 22, 23 Located On West 5th Street

dhia
Pennsylvania Dairy Herd Improvement Association

Bedford County DHIA Report

June Report

The following is the top 650 lb Rolling Herd Average

NAME	BRD	NO COWS	% COW DAYS IN MILK	LBS. MILK	LBS FAT
Byron Over	3	67 1	88 0	20 886	782
Paul&David Helsel	G3	87 8	88 5	19 412	737
Edward A Deputy	B3	137 7	90 9	19 562	731
J Allen Baker	B3	121 6	90 2	18,920	714
Obie Snider	3	163 1	84 9	18 680	713
Luther&Phil Steele	B3	70 2	87 9	18 271	709
Allen Claar	B3	54 1	88 8	18 603	695
Paul I Detwiler	3	105 9	88 1	16 970	695
Jerry L Hershberger	B3	93 4	88 3	17 963	689
Paul&Steve Ritchey	3	72 2	87 5	17 896	682
Dale A Baker	B3	58 9	91 6	16 963	681
Clarence&Ken Mowry	3	196 6	88 6	17 865	678
Paul Den	3	77 1	91 9	17 367	675
Raymond Hinish	3	41 4	88 4	17 565	674
Donald Bowser	B3	58 9	88 4	17 136	671
Robert Swartzwelder	B3	56 4	87 9	17 962	664

The following cows completed 305 Day lacatation with 800 lbs or more of butterfat in second quarter of 1984

OWNER NAME OR NO	AGE AT CALVING		LBS MILK	LBS FAT
Kim Karns				
Agnes	5 10	3	23 441	813
Elwood & Rich Smith				
Sandra	3 8	3	17 905	801
Dwight Kagarise				
Wanda	5 10	3	21 642	855
Luther&Phil Steele				
Flower	8 2	3	24 665	1041
Vera	7 10	3	21 829	867
Bryon Over				
Puff	9 8	3	21 851	801
Obie Snider				
Prudy	5 2	3	24 250	811
Flame	5 5	3	25 695	828
Betz	3 8	3	20,311	808
Donald E Replogle				
1	6 2	3	23 424	878
Marlin Deterline				
78	7 7	3	22 372	861
Clarence & Ken Mowry				
Cresent	5 10	3	22 063	802
Bonibel	4 9	3	23 104	893
Bunnie	4 0	3	21 862	889
Raymond Hinish Jr				
Stella	3 4	3	16 784	857
Ginger	3 3	3	20 160	822
Anna & Henry Hall				
Giant	4 7	3	20 846	834
George Garman & Sons				
Shawna	3 6	3	19 507	829
Greg & Getty Shaffer				
49	2 1	3	16 592	800
Allen Claar				
Trixie	6 4	3	18 801	805
Helen	4 8	3	24 039	871
David O Neal				
Star	5 2	3	20 297	804
Paul I Detwiler				
10	8 10	3	16 169	806
Luther & Phil Steele				
Flower	8 2	3	24 665	1041
Vera	7 10	3	21 829	867
Bryon Over				
Puff	9 8	3	21 851	801

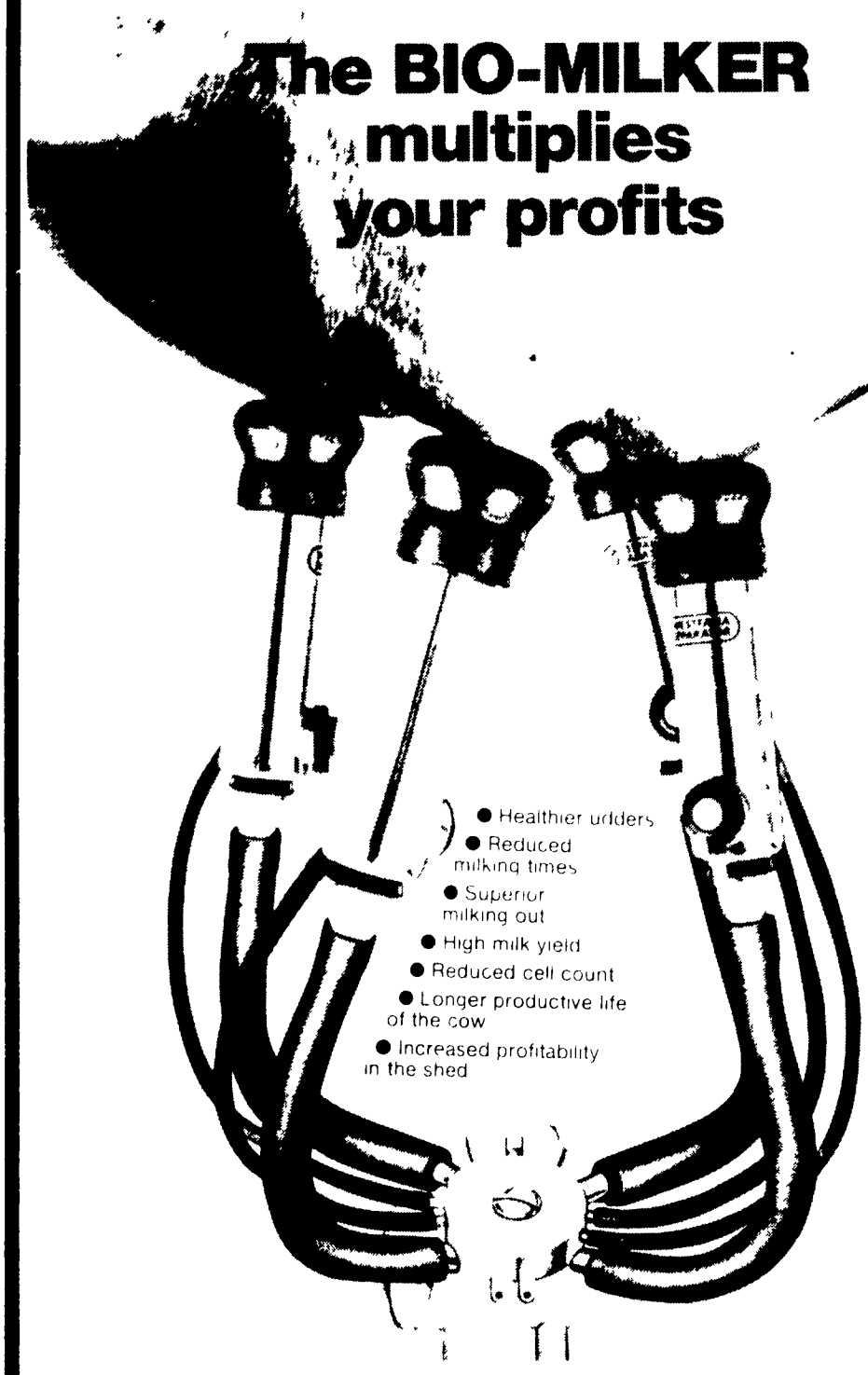
(Turn to Page E26)

WESTFALIA HIGH TECH DAIRYING®

BIO-MILKER

Introducing A New Way To Better Milking

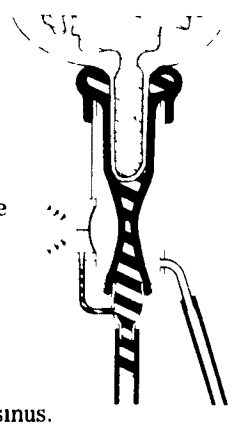
The BIO-MILKER multiplies your profits


● Healthier udders
● Reduced milking times
● Superior milking out
● High milk yield
● Reduced cell count
● Longer productive life of the cow
● Increased profitability in the shed

The BIO-MILKER How It Works

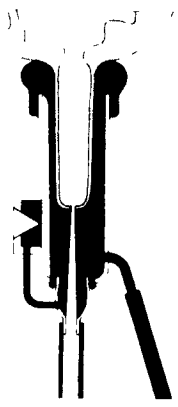
Release phase

Air flows in under the teat tip through the valve opened by the pulsator to lower the vacuum at the teat. The reduced vacuum level and gentle massaging pressure of the liner produce a biologically desirable relaxation of the teat. The blood and tissue fluid flow back unhindered to the teat sinus.



Milking phase

The air inlet valve closes. The vacuum at the teat is raised at the precise moment that it is required for actual milk extraction. By this means a vacuum level is attained in the milk-flow phase which is approximately equal to the nominal vacuum, even in the overhead milk line



Milk discharge

The flow mechanics of the system ensure that the milk is always immediately propelled smoothly from the teat cup through the clawpiece right into the long milk tube. The clawpiece, which is sectioned by udder halves, transports the milk through twin tubes.

1 Eliminating return flow, it propels the extracted milk from the teats in bursts through the short milk tubes and the clawpiece into the long milk tube, thus greatly reducing the risk of infection

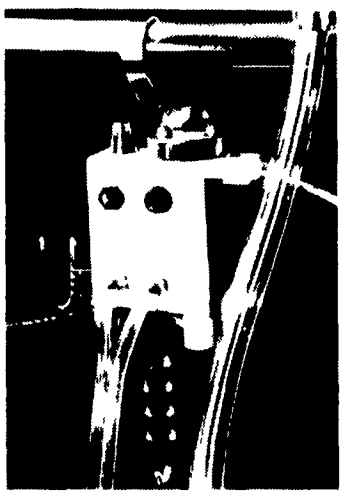
2. It reduces the vacuum under the teat tip, thereby ensuring a biologically favourable release of the teat tissue By means of a precisely timed, measured inlet of minute amounts of air during the release phase, use is made of the kinetic energy of the discharging milk to support the vacuum during the milking phase The level of vacuum at the udder is controlled so that it follows the course of the pulsation curve

WESTFALIA SYSTEMAT

WESTFALIA HIGH TECH DAIRYING®

On Display At AG PROGRESS DAYS, August 21, 22 & 23

VISOTRON



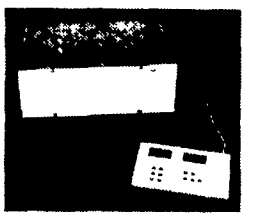
High Tech control for stanchion barn operations to help you get all the milk from every cow.

SPECIAL DISPLAY

Westfalia's new, bold BIO-MILKER that has proven very successful in Europe for the past several years. This new milker offers a new concept in lower vacuum milking levels without a loss in milking time. This unit can be used in parlors or stanchion barns. This is one item you must see at the Ag Progress Days line up of HIGH TECH DAIRYING EQUIPMENT BY WESTFALIA.

CODATRON

Individualized Computer Feeding Systems



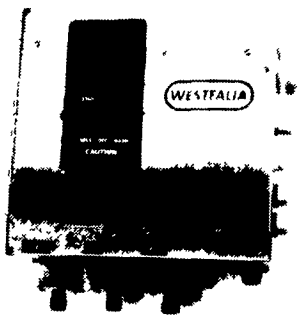
Model F26

Model L

—SPECIAL—

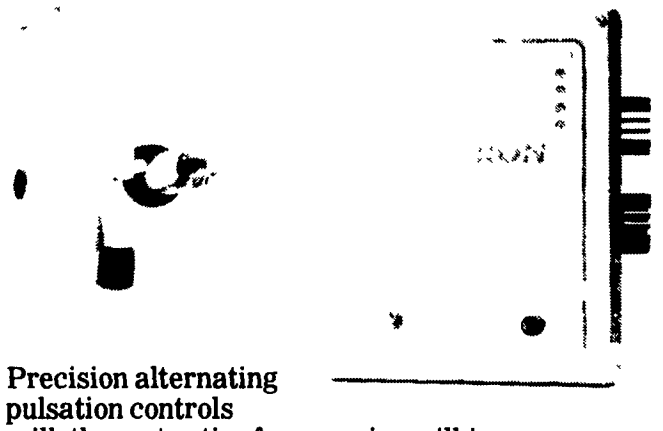
FREE VHS VIDEO DECK
For Every Dairy That Invests In A Codatron During Aug. & Sept. '84

"SOLID STATE" AUTOMATIC PIPELINE WASHER



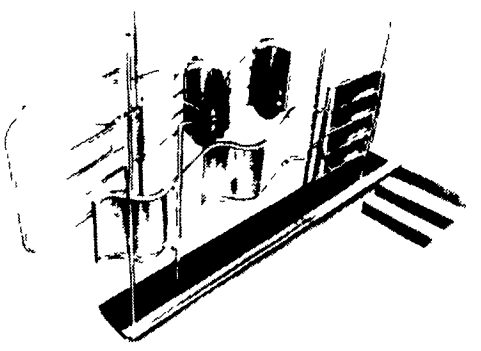
- Automatically controls wash time, wash cycle sequence, water temperature, detergents and sanitizers
- Control lights tell cycle at a glance
- 24-hour timer for round-the-clock sanitizing at preset intervals
- Fail-safe device to protect equipment

PULSTRON PULSATOR SYSTEM



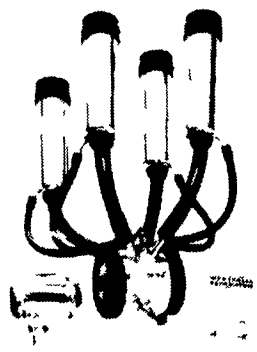
Precision alternating pulsation controls milk the rest ratios for superior milking.

HERRINGBONE PARLOR STALLS



The "Mega 45" features 2 3/8" O D galvanized structural pipe throughout All welded design for comfort, strength and durability Feeders, butt shields and exit gates all have stainless steel panels for years and years of corrosion-free use

MILKERS & PULSATORS



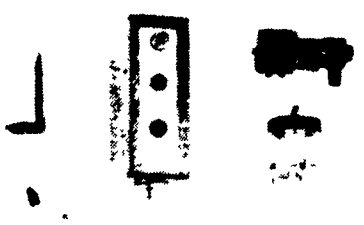
Westfalia Cluster

Autotronic Pulsator

Vacupuls Constant Pulsator

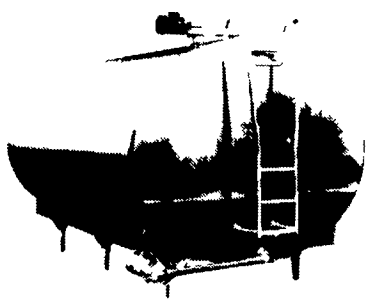
Large inflation inlets for full flow large outlets full visibility claw Wide spread inlet construction for large uddered cows

ACR



Introducing A New Lineup of Stainless Steel **BULK MILK COOLERS** in capacities ranging from 600 to 6,000 gallons.

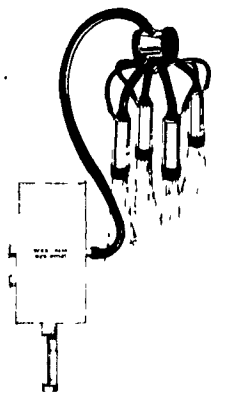
Westfalia's automatic take-off should be standard equipment in your milking facility.



BACKFLUSH SYSTEMS

The Automatic Sanitizing Aid For Better Herd Health

- Safe
- Reliable
- Fully Automatic



Westfalia Sales Centers

CHAMBERSBURG
Cumberland Farm & Dairy Supply, Inc.
Larry Hughes
Gary Walton, Sales Mgr.
717-263-0826

COCHRANVILLE
Farm Construction & Equipment
Robert L. Janney
215-593-2365

COLUMBIA, MONTOUR & NORTHUMBERLAND CO'S.
Williams Farm Systems
Dave Williams
717-398-2692

JERSEY SHORE
Tom L. Dunlap
717-398-1391

LITITZ
Fisher & Thompson Assoc.
Amos Fisher
Rick Thompson
717-627-1530

MIFFLINBURG
Wehr's Dairy Equipment
Mark Wehr
717-966-1396

MT BETHEL
K.C. Dairy Service
Kevin Correll
717-897-5141

NEW WILMINGTON
Chuck Moose, Inc.
412-533-3077

SCHWENKSVILLE
Penn Valley Cropstore, Inc.
Dale Stutzman
215-287-9650
215-944-0126

SPARTANSBURG
Brenner Dairy Equipment
Albert Brenner
814-654-7309

TROY
Dairyland Sales & Service
Jim Kelley
717-297-4128

SYKESVILLE, MD
Dairyman Inc.
Mid-Atlantic Division
William Stauffer
301-795-2727
301-781-7020

SPECIAL WESTFALIA DEALERS FOR THE AMISH DAIRYMAN

BELLEVILLE
Byler's Diesel & Refrig. Service
Daniel Byler
717-483-6446
Answering Service

KIRKWOOD
Elam S. Stoltzfus
717-529-2623
717-529-2668
Answering Service

PARADISE
Lloyd Ranck
717-687-6361

REBERSBURG
Tim's Diesel Service
Tim Stoltzfus
814-349-5110
Answering Service

SALES ENGINEERS

NORTHWEST PA & NY
TOM MOORE
28 Petrolia St
Bradford, PA
16702
814-362-3933

MD, DE & VA
DAVE PATTERSON
P.O. 246
Upperville, VA
22176
703-592-3845

N E REG MGR
NY, PA, NJ, CT, MA, VT, RI, ME, NH
ROBERT E. TURNER
R.D #1, Box 11
Aspers, PA 17304
717-677-9301

NATIONAL HEADQUARTERS
WESTFALIA SYSTEMAT DIVISION of CENTRICO
1862 Brummel Dr
Elk Grove, Ill
60007
1-800-323-6723
312-437-8660

Tioga County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

June Report

Herds in the Tioga County D.H.I.A - June 1984 which produced a rolling herd average of 650 lbs. or more
Rolling Herd Average

OWNER	BRD	NO COWS	DAYS MILK	LBS MILK	LBS FAT
Glenn Bowen	RH	39 2	90 2	21 221	820
MIC Realty	RH	54 0	90 9	19,575	784
P & E Machmer	R&GrH	23 5	87 4	19,601	747
John S Bennett	R&GrH	66 4	86 6	20 155	733
Richard Groover	RH	41 0	83 4	19,229	729
L & J Holsteins	RH	39 5	88 2	19,146	729
N & G Jackson	R&GrH	38 5	86 4	18,455	723
Verne W Bowen	RH	39 2	87 3	18,919	713
Jay Foreman	RH	73 9	89 3	17,646	699
Simalot Holsteins	RH	47 2	86 8	18,722	697
Theodore Schmelzle	RH	50 8	88 4	19,162	696
Douglas W Lawton	RH	62 5	87 7	19,081	695
Larry&Mary Herman	RH	45 4	87 0	18,302	692
Leemon E Gaugler	RH	40 2	90 2	18,169	687
Bernard G Courtney	RH	135 0	87 7	18,758	681
William Wilcox	RH	45 3	89 0	18,889	*681
Char&Doris Porter	RH	39 6	87 8	18,638	681
G & D Jackson	R&GrH	36 3	86 6	17,932	676
Harold Robson Jr	RH	53 8	87 5	18,466	670
Thomas Groover	R&GrH	26 6	84 8	17,614	669
Dean Baity	RH	56 0	86 1	17,344	663
Clark Bowen&Son	RH	53 3	84 8	17,072	659
Gerald Parker	RH	73 9	86 6	17,827	658
Stephen E Bolt	R&GrH	73 3	86 3	18,538	*657
Wm & Wendy Sturges	RH	87 8	85 9	17,630	*655
Joseph R Sherman	Mixed	70 0	88 9	16,598	652
Jotowell Farm	RH	44 6	86 4	17,388	650
Jack E Randall	R&GrH	28 1	85 5	17,617	650
Vernard Watkins	R&GrH	60 4	89 1	15 233	650

The High Producers

Cows that produced 750 lbs of butterfat of more in 305 days in June 1984 in the Tioga County D H I A

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK		LBS. FAT
Theodore Schmelzle					
Sally	9-4	305	24,734	3 7	927
MIC Realty					
Vanessa	9-7	305	24,795	3 7	921
Clara	5 10	305	19,875	4 3	852
John S Bennett					
Lefty	9-10	305	23,201	3 9	905
Brenda	3-8	305	21,110	4 0	847
Cassy	3-1	305	23,303	3 6	840
Verne W Bowen					
Ann	5 7	305	22 467	4 0	893
Charles F Johnson					
#73	4 7	305	18 596	4 8	893
Norman & Gary Jackson					
Thelma	3 8	305	21,725	4 1	886
Janet	4 0	302	17,163	4 7	809
Lady	11 5	305	18 694	4 2	788
Jerry	4 11	305	21 026	3 6	752
Bernard G Courtney					
10 Pres	6 0	305	25 893	3 4	879
38 Kity	4 5	305	20 985	3 7	768
Wm & Wendy Sturges					
May	5 5	305	21 977	3 9	868
Tina	7 8	305	18 331	4 2	779
Holly	4 11	305	20 685	3 8	776
Idol	8 4	305	19,541	4 0	776
William Wilcox					
Fonda	7 1	305	23 484	3 7	858
Tom Bower					
#64	8 7	305	20 703	4 1	858
#111	4 6	305	16 318	4 7	772
Richard Groover					
Margie	6 10	305	21 194	4 0	857
Hooker	2 7	305	19 593	4 1	812
Vernard Watkins					
Cockie	7 1	305	19 337	4 4	849
Dean Baity					
Lindsey	3 6	305	19 077	4 4	845
Janet	5 3	305	18 388	4 6	840
Jo	8 3	305	21,307	3 9	830
Richard Chamberlain					
Beth	7 6	305	23 279	3 6	842
Robert L Miller					
#91	4 2	305	20,957	4 0	834
#86	4 2	305	18,926	4 0	761
Jim W Welch					
Moo	5 1	305	21,130	3 9	826
Gordon M Wood #1					
Special	8 0	305	22,826	3 6	816
Clark Bowen & Son					
Pansey	4 10	305	20,084	4 0	812
Princes	6 8	305	18,971	4 0	756
Danney E Stevenson					
#49	10 10	305	19,409	4 1	800
Larry & Mary Herman					
Gracie	4-0	305	21,382	3 7	787
Dan Bower					
#20	5 8	305	17,248	4 5	784
Joseph R Sherman					
#47	3 9	305	17 522	4 4	779
Rodney & Pam Sherman					
#79	9 2	305	18,678	4 2	778
Terri	5 10	305	21,589	3 5	753
Stephen E Bolt					
Bunny	4 7	305	23,096	3 3	769
Thomas Groover					
Vivain	4 10	305	21,725	3 5	769
Carol	6 9	305	20,309	3 7	759
Hilvu Farm					
Emma	3 11	305	18 832	4 1	767
Charles & Doris Porter					
Dutches	12 11	305	14,615	5 2	761
Ellie	3 9	305	20,420	3 7	751
Edward & Carol Robbins					
#57	5 1	305	19,873	3 8	760
Robert Shanley					
#125	5 10	305	18,898	4 0	759
Alpha E Monk, Jr					
Gail	4 7	305	19 599	3 9	758
Tim Webster					
Millie	8 7	305	21 303	3 5	756
Douglas W Lawton					
#386	4 4	305	26 173	2 9	755
Chris Gaugler					
Diane	7 2	305	23 314	3 2	753

Bedford Co. DHIA

(Continued from Page E24)

J Allen Baker				
BB	8 0	3	20 519	845
Orrand	4 6	3	18 561	811
Byron Over				
Lynn	3 4	3	21 879	816
Fred S Steele				
Joan	5 6	3	18 498	813
R Clair & Alan Koontz				
Queen	7 6	3	23 639	831
Jerry L Hershberger				
70	4 2	3	25 173	955
Sunny Four Farm Inc				
Lanny	5 4	3	22 061	805
Paul & Steve Ritchey				
26	3 10	3	20 302	828
Edward A Deputy				
52	6 3	3	26 116	883
Allen Claar				
Lena	4 9	3	21,960	814
Iva	4 5	3	19 171	830
Bobbie	3 0	3	21 513	803
Andy T Mohr				
Pam	5 4	3	19 889	808
Ray & Margaret Amick				
Ghoul	7 1	3	18 488	864
Bryon Over				
Patty	4 2	3	19,643	838
Judy	3 5	3	24 532	963
Obie Snider				
Bobbie	8 0	3	24 721	913
PietJef	5 0	3	17,431	803
Boot	4-4	3	22,495	1021
Vee Cee	4 0	3	21,408	804
Lullaby	3 5	3	22,350	869
Jerry L Hershberger				
Viola 20	3 4	3	22,198	898
Clarence & Ken Mowry				
#Corett	5 7	3	29,621	1028
Becky	6 4	3	18,527	829
Inky	5-0	3	23,258	817
July	4-9	3	22,674	879
#Eclips	4-5	3	19,563	939
Suzanne	4 4	3	18,335	828
#Claret	3 0	3	21 447	811
Paul Den				
Royal	4 8	3	19 132	846
Anthony Wertz				
Arlene	6 9	3	22 468	839
Allen Claar				
Blossom	6-0	3	21 562	829
Andy T Mohr				
Mindy	4 6	3	22,999	800
Ch & Ross Hershberger				
Valen	7 5	3	20,550	810
Paul & David Helsel				
58	6 1	3	24,019	1030
123	3 10	8	21,057	803
Paul I Detwiler				
118	4 8	3	23 436	909
153	3 4	3	19 121	843

COWMATS

PRE-AG PROGRESS DAYS SPECIAL!

WE'RE OFFERING THE **LARGEST** SELECTION OF **QUALITY** MATS FOR THE **LOWEST PRICES AROUND!!!**

* * * FEATURING * * *

• COZY COWMAT • HAPPY MOOMAT • • AIR CUSHION MAT

48"x72" COZY COWMAT $44.95 delivered

48"x60"x5/8" THICK HAPPY MOOMAT $34.95 delivered

We also carry mats for **HOGS, HORSES, PICKUP TRUCKS & TRAILERS.** We Deliver & Install

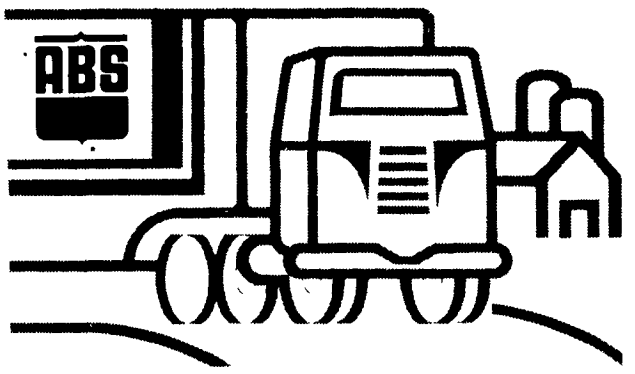
For More Prices & Information, Write Or Call:

Vanco
the rubber mat specialist

RD 4, Box 300
Carlisle, PA 17013
PH: 717-776-3494

AT ABS OUR LAST NAME IS SERVICE

ABS AMERICAN BREEDERS SERVICE



ABS delivers more than just top quality genetics

ABS A BETTER BEGINNING AMERICAN BREEDERS SERVICE

Your ABS Representative is SERVICE oriented, not only does he bring you professional technician service, your ABS representative provides you with, Top Quality Genetics through ABS's progeny tested lineup. He also provides sound advice on your breeding program, including advice on how to make the genetic mating service work to fit your needs. He provides complete service for people who breed their own cows, including liquid nitrogen service, and a full line of direct herd supplies. He comes to your farm when you call, through the extremes of cold, rain, sleet, snow, and heat. He tries hard to give service when you want it. Because you see he not only sells semen, and breeds cows, He Gives SERVICE TOO! When you think of your ABS representative THINK OF SERVICE. Call him today.

Stop In At The 1984 AG PROGRESS DAYS And Visit With Us At Our Booth. We Will Be There To Help You With Designing A Complete Breeding Program To Get Your Herd Where You Want It To Be.

IN PENNSYLVANIA

Allenwood, PA	George Showers	717-538-1812
Bangor, PA	Eric Heinsohn	215-588-4704
Carlisle, PA	Wayne Piper	717-532-4401
Clifford, PA	William Horton	717-222-3224
Coburn, PA	Wendel Musser	814-349-5310
Columbia, PA	James Charles	717-898-8694
Dornsife, PA	Steve Kieffer	717-758-1714
Ephrata, PA	Darvin Yoder	717-733-0966
Holtwood, PA	Paul Herr	717-284-4592
Lebanon, PA	Paul Martin	717-949-2381
Leola, PA	Lynn Gardner	717-656-6700
Linden, PA	Larry Bower	717-323-9710
Mansfield, PA	Harold Robson, Jr.	717-662-7731
Mifflinburg, PA	John M. Beachy	717-966-1344
Mifflintown, PA	Mervin Zendt	717-436-6386
Millville, PA	Wilmer Hendricks	717-458-5949
Prospectville, PA	William Tyner	215-542-8479
Reading, PA	Andrew Cooper	215-378-1212
Reedsville, PA	Chester G. Selfridge	717-667-3181
Rothsville, PA	Keith Campbell	717-733-1226
Stewartstown, PA	Tom Engle	717-993-6836
Thomasville, PA	Ira Boyer	717-225-3758
Ulysses, PA	Bonnie Barker	814-848-7674
West Grove, PA	Brian Geesaman	215-869-9187

IN NEW YORK

Johnson, NY	Peter Vander Schaaf	914-355-1692
Pen Yan, NY	Calvin Crosby	315-526-6144

IN DELAWARE

Kirkwood, PA	Dan Rush	717-529-6548

IN NEW JERSEY

Baptistown, NJ	Cindy Gordeuk	201-996-2088
Elmer, NJ	Cyndy Hetzell	609-455-8187
Lambertville, NJ	Robert Fulper	717-658-7316
Port Murray, NJ	Robert Kayhart	201-689-2605

IN MARYLAND

Detour, MD	Jim Carmack	301-775-7221
Mt. Airy, MD	Allan Pickett	301-663-4191

1983 Ag Progress Photo highlight

Sandy Frey, 10, of Chambersburg, demonstrates how milking used to be done at one of the exhibits at the Pasto Museum, one of the favorite places to visit at Ag Progress.

Conservation stressed at Ag Progress Days

HARRISBURG — Several new activities will highlight this year's conservation program at Penn State's Ag Progress Days, reports Frederick Bubb, conservation education chairman.

Computers in the conservation tent will demonstrate the latest ways for farmers to determine soil loss and evaluate effectiveness of conservation practices.

Conservation tillage demonstrations will be added to the conservation area tours. They will include plots comparing chisel plowing, no-till, and conventional plowing. Pasture no-till planting demonstrations will be held daily. A no-till planting on cropland terraces demonstration will be another addition.

A new feature of the woodland management demonstration will be the inclusion of the value of woodland and farm fields in wildlife management. Personnel of the Pennsylvania Game Commission will join foresters from the State Bureau of Forestry and Penn State in conducting the woodland and wildlife demonstrations.

Conservation Chairman Bubb reports that conservation plants will again be the main theme in the conservation tent. About 40 different grasses, legumes, shrubs, forbs, and trees will be exhibited. Some will be displayed in both mature and immature growth. A special plant display will be prepared by Dr. Guy McKee, Penn State Professor of Agronomy, in cooperation with the USDA Soil Conservation Service's Plant Materials Center in Big Flats, New York.

Bus tours will be conducted over the conservation demonstration and research area where a wide variety of soil and water saving practices are in use. Tours leave every 20 minutes from the conservation tent at the west end of West 11th Street from 11:00 a.m. to 3:30 p.m.

Ag Progress Days show Penn State's support of the State's $3 billion agricultural industry. Hours are 9.00 a.m. to 5:00 p.m. on Tuesday, Wednesday, and Thursday, August 21, 22, and 23, 1984. Parking and admission are free.

The satisfaction that comes from doing a good job of farming

Liming is one of the most important factors in keeping your soil in the highest productive range By raising the pH from a level below 6 0 to 6 5 or higher you can expect to harvest as much as 5 more bushels of corn per acre with similar increases for all other forage and cash crops

ORDER NOW FOR PROMPT DELIVERY

Blue Ball (717) 354-4125
Gap (717) 442-4148

Martin LIMESTONE

Watch for mites in soybean fields

NEWARK, Del. — When soybean plants are in the flowering and pod development stages, farmers can expect to see spider mites, potato leafhoppers, and thrips feeding on the foliage.

According to University of Delaware extension pest management specialist Joanne Whalen, these insects reduce the amount of leaf area available to support plant growth and seed production and may affect yield if infestations are heavy enough.

Since it's easy to confuse the injury caused by these insects with other crop production problems such as herbicide injury or nutrient deficiencies, Whalen advises growers to examine plants carefully before making control decisions.

Start looking for mite damage along field edges or in weedy areas within fields in early July. Prompt detection of infestations is essential for effective control, she says. Once soybeans are severely stressed, plants don't absorb insecticides as readily and control becomes extremely difficult.

Mite outbreaks generally occur during pod and seed development when weather conditions are hot and dry. When checking for mite feeding, look on the lower surface of leaves for characteristic whitestrippled injury near the base of leaf veins. Heavy infestations will cause leaves to turn yellow, wilt and eventually die.

Whalen says to base control decisions on a sample of 20 to 30 leaflets collected from five infested areas throughout a field. If soybeans are actively growing, she recommends spot treatment with an insecticide when mite populations reach 10 to 20 per leaf. Such treatments will be effective only if the infestation is caught early. Once mites have spread to large areas, the entire field must be sprayed to ensure suppression of this pest.

If soybean plants have yellow wedge-shaped areas on the leaf tips, curled leaf margins, or distorted leaf veins, it should be easy to find potato leafhoppers on the leaves. Overwintering adults migrate northward and can be found in Delaware from late May on. Leafhopper populations can increase rapidly during periods of high humidity and rainfall. Whalen says to be sure to check soybean fields located near alfalfa because these fields can be severely injured by leafhoppers after an alfalfa cutting.

Base treatment decisions on a random sample of five sweeps taken in five areas of a soybean field. She recommends treating with an insecticide if there is an average of four leafhoppers per sweep in healthy beans or eight per sweep in stressed soybeans.

While scouting for mites and leafhoppers, also look for thrips. Heavy infestations of this pest cause soybeans to turn yellow, wilt and die. Injured leaves at first have a silvery, puckered appearance. Start scouting for thrips at plant emergence and continue until the seed development stage. Whalen recommends treating if there is an average of three thrips per leaf.

In addition to insect injury, Delaware extension plant pathologist Bob Mulrooney warns growers to be on the lookout for soybean cyst nematodes (SCN), which also cause yellowing and browning of leaf margins. The nematodes feed on soybean roots, reducing nodule formation and stunting or killing plants. Affected areas can be oval shaped or expand in the direction of tillage.

Mulrooney encourages growers to check soybeans that have been planted a month for signs of SCN injury. In light infestations, symptoms may not appear until the beginning of pod set. But when infestations are heavy, symptoms may be visible by the time plants are 6 to 12 inches tall.

To determine if SCN are present in a field, he advises growers to collect a soil sample from around the base of stunted plants, as well as a few plant samples. Protect the samples from extreme heat and sunlight and submit them to the state extension plant pathologist for analysis. Delaware residents can send their samples to: Extension Plant Pathologist Bob Mulrooney, Plant Science Department, Townsend Hall, University of Delaware, Newark, DE 19717-1303.

Soybean producers who live in Delaware can get further information on in-season pest activity by calling the University of Delaware's crop pest hotline. The number is 1-800-345-7544.

Jeff Pontius, left, and George Phillips of the Northumberland County Conservation District, discuss Pontius's no-till corn demonstration plot. The results of this and other demonstration plots will be reviewed at the Conservation Tillage Field Day on Aug. 28th.

Northumberland plans field day

SUNBURY — The Northumberland County Conservation District is sponsoring a Conservation Tillage Field Day on Tuesday, Aug. 28. The field day will be held at the Jeff Pontius farm, three miles south of Sunbury on Route 147.

The program will begin at 4 p.m. with conservation tillage equipment demonstrations. No-till drills and corn planters, double offset disks, para-plow, and several types of multi-operation tillage tools will be demonstrated. Before the demonstrations, farmers are invited to come and operate the equipment and talk with equipment company sales representatives from noon to 3:30 p.m.

A pig roast will be conducted from 5:30 - 6:30 p.m. Pork sandwiches and other refreshments will be provided free of charge. The refreshments are being provided by Pontius and the Conservation District.

The evening program will begin at 6:30 p.m. in Pontius's shed. George Phillips of the Conservation District staff will present a slide program on the results of the District's no-till demonstration plot program and Kevin Blake, Soil Conservation Service, will speak on the soil conservation benefits of no-till planting. Ned McIlvaine, Shell Chemical, and Steve Fisher, FMC, will speak on weed and insect control in no-till. Mike Boyle, John Blue Sprayers, will present a program on sprayer calibration and Dr. James Radtke, a corn research geneticist with Northrup King, will discuss corn research.

This program will serve as an up-date training session for pesticide certification renewal, according to Vernon Brose, Northumberland County Extension Agent.

Since the evening phase of the program will be held indoors, it will be held rain or shine.

ANIMAL REMOVAL
Taylor Pet Food
We Buy Crippled And Disabled Cows And Horses For PET FOOD
and
We Buy Crippled And Disabled Cows And Steers For Slaughter Under U.S.D.A. INSPECTION.
CHECK OUR PRICES
Call
215-696-4436

ANIMAL REMOVAL
Taylor Pet Food Inc.
We Buy Crippled And Disabled Cows And Horses For PET FOOD
and
We Buy Crippled And Disabled Cows And Steers For Slaughter Under U.S.D.A. INSPECTION.
CHECK OUR PRICES
Call
717-866-6289

FARM EQUIPMENT BUYER'S TRUST THE NAME MEYER'S

Self Unloading Forage Boxes

For 1984

The fold down cross conveyor extension is standard equipment on 1984 600 series boxes optional on the 500 series — not available on 400 series — cannot be installed on any previous model

A standard cross conveyor extends 12 from side of box The optional fold down extension adds another 12 inches

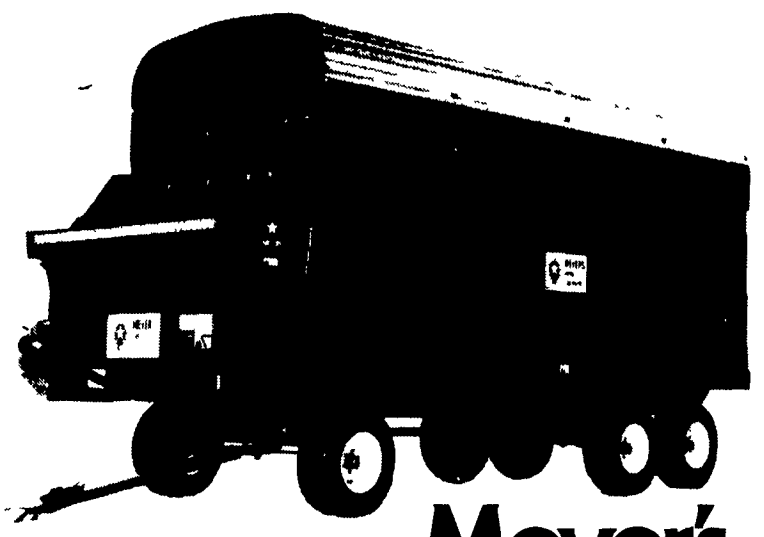
Meyer's offers two new features:

- **Fold Down Cross Conveyor Extension**
- **Optional All-Steel Sided Boxes**

Seemingly a minor improvement, the new Meyer's fold down cross conveyor extension is instead a highly significant, farmer approved feature.

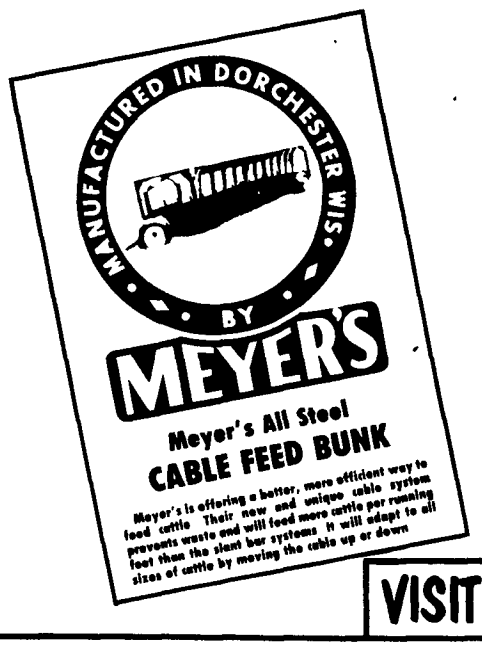
- It delivers material **into** the blower, not just on the hopper edge — less goes on the ground
- Makes it easier to align box to blower
- Adapts box for bunk or fence-line feeding
- Folds for transport
  - When folded box is as narrow as a standard box
  - Saves the next row of corn and the gate posts Easier to store
  - Allows use of a wider wagon and larger tires
  - Simple and easy to fold and unfold
  - Runs in any position
  - Acts as a gate to cut loss in transport of small grain or high moisture corn

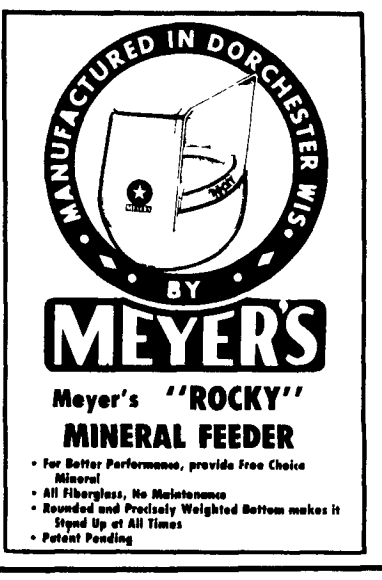
All Steel Sides are an option on ALL Steel Frame Models for 1984!

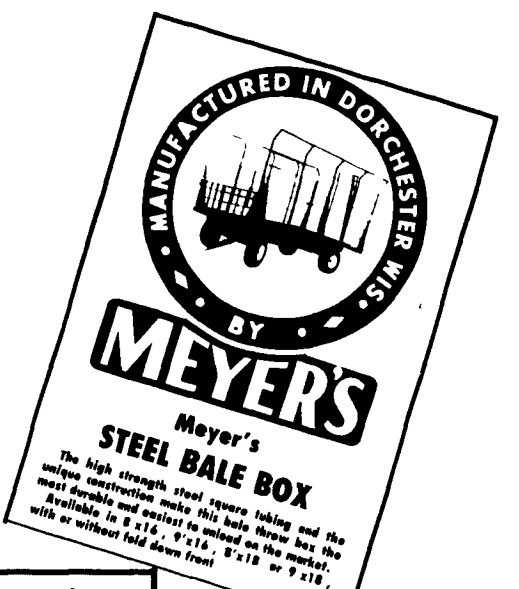


Meyer's

400, 500 and 600 Series


MANUFACTURED IN DORCHESTER WIS.
BY
MEYER'S
Meyer's All Steel
CABLE FEED BUNK
Meyer's is offering a better, more efficient way to feed cattle Their new and unique cable system prevents waste and will feed more cattle per running foot than the slant bar systems It will adapt to all sizes of cattle by moving the cable up or down


MANUFACTURED IN DORCHESTER WIS.
BY
MEYER'S
Meyer's "ROCKY"
MINERAL FEEDER
• For Better Performance, provide Free Choice Mineral
• All Fiberglass, No Maintenance
• Rounded and Precisely Weighted Bottom makes it Stand Up at All Times
• Patent Pending


MANUFACTURED IN DORCHESTER WIS.
BY
MEYER'S
Meyer's
STEEL BALE BOX
The high strength steel square tubing and the unique construction make this bale throw box the most durable and easiest to unload on the market. Available in 8'x16', 9'x16', 8'x18' or 9'x18', with or without fold down front

VISIT WITH US DURING AG PROGRESS DAYS

ANGELO FARM EQUIPMENT
R.D. #1 Box 303
Perryopolis, PA 15473
412-736-2420

THE FARMERS STORE
R.D. #1 Box 239
Harmony, PA 16037
412-846-6484

M & R EQUIPMENT, INC.
P.O. Box 16
Marsteller Rd
New Park, PA 17352
717-993-2511

CARL PIERCE EQUIPMENT
R.D. #2
Columbia Cross Roads, PA 16914
717-297-3513

UMBERGERS MILL
R.D. #4 Rt. 322
Lebanon, PA 17042
717-867-2613

NORMAN BRIGHT, INC.
New Egypt,
New Jersey
609-723-0300

BULL INTERNATIONAL, INC.
291 Cameron Rd.
Washington, PA 15301
412-222-0450

N.H. FLICKER & SONS, INC.
Rt. 222
Maxatawny, PA 19538
215-683-7252

R.T. MARKLE FARM EQUIP., INC.
1841 Pine Hall Drive
State College, PA 16801
814-237-3141

SANDY LAKE IMPLEMENT
R.D. #3 Rt. 173
Sandy Lake, PA 16145
412-376-2489

IVAN J. ZOOK FARM EQUIP.
Box 5 Star Route
Belleville, PA 17004
717-935-2948

SIVERS EQUIPMENT CO.
Wyalusing, PA
717-746-3355

C & W EQUIPMENT, INC.
260 York Road
Carlisle, PA 17013
717-243-4419

GEORGE N. GROSS, INC.
4420 Davidsburg Rd
Dover, PA 17315
717-292-1673

MESSICK FARM EQUIPMENT, INC.
Rt. 283 - Rheems Exit
Elizabethtown, PA 17022
717-367-1319

PAUL SHOVERS, INC.
Rt. 850
Loysville, PA
717-789-3117

PANHANDLE EQUIPMENT, INC.
P.O. Box 232, Rt. 30
Chester, West Virginia 26034
304-387-1248

DELRIDGE SUPPLY CO.
Greenwood, Delaware
302-349-5184

DAYTON EQUIPMENT CO.
R.D. #2 Box 286
Dayton, PA 16222
412-783-6990

R.S. HOLLINGER & SON
113 W. Main St.
Mountville, PA 17554
717-285-4538

MEYERS IMPLEMENTS, INC.
400 N. Antrim Way
Greencastle, PA 17225
717-597-2176

H.P. STARR & SONS. INC.
Glade Mills, R.D. #2
Valencia, PA 16059
412-898-1501

GEORGE V. SEIPLE & SON
R D. #2 Van Buren Rd
Easton, PA 18042
215-258-7146

LOWER IMPLEMENT SALES
R.D. #4
Evans City, PA 16033
412-538-5995

ERB & HENRY EQUIPMENT, INC.
22-26 Henry Ave.
RT. 100
New Berlinville, PA 19545
215-367-2169

INCH EQUIP. CO.
Main St.
McAllisterville, PA
717-463-2191

MIFFLINBURG FARM SUPPLY, INC.
R.D. 2 E. Chestnut St.
Mifflinburg, PA 17844
717-966-3114

TRISCUITS, INC.
85 Waterford St.
Union City, PA 16348
814-438-3875

BUBBS FARM SUPPLY
R.D. #2
Muncy, PA 17756
717-546-3258

LINCOLN SUPPLY CO.
Somerset, PA
814-443-1691

MANUFACTURERS REP

MANUFACTURES REP.
R.J. LEE CO.
18 Greystone Rd
Carlisle, PA 17013
717-243-3966

WESTERN PA. MGR.
FRANK WILBERT III
P.O. Box 121
Bakerstown, PA 15007
412-443-3307

EASTERN MGR.
CARL SULTZBAUGH
R.D. 2 Dillsburg, PA 17019
717-432-4003

See the Meyer's Self Unloading Forage Boxes in the field and at our display on Main and 4th Street

Huntingdon County DHIA Monthly Report

dhia Pennsylvania Dairy Herd Improvement Association

May 1984

June Report

Rolling Herd Averages

OWNER	BREED	NO. COWS	COW DAYS IN MILK	LBS MILK	LBS FAT
Edwin Steach	3	70 6	87 3	20,340	792
Evergreen Farm No 3	B3	380 0	84 6	18,986	783
Daland Farms	3	111 5	86 5	18,722	715
Gerald McMath	B3	73 4	88 2	18 599	698
Locust Lane Farm	B3	86 3	85 2	18,241	681
Glenn Peachey	3	78 4	88 6	18,395	681
Joseph McMath	3	54 2	86 5	18,124	680
Howard&Nancy Wiggin	B3	66 4	85 5	18,915	675
State Correctional	3	157 4	87 2	15,703	665
Gregory&Nancy Yocum	3	28 6	91 5	17,073	660
John S Kyper	B3	43 9	85 3	17,875	659
Sangrey Bros	B3	85 2	88 0	18,493	655
Behrer Farms	B3	159 6	86 8	17,697	654
Durbin Farms	B3	142 0	89 7	17,030	651

OWNER NAME or NO.	BRD	AGE CALVING	DAYS IN MILK	MILK LBS.	FAT LBS
Sangrey Bros					
61Ali	3	6-6	302	26,448	1009
174Alci	3	3-6	305	21,237	828
4Sisy	3	8 3	305	25 380	799
80Flor	3	4 6	305	21 963	761
Evergreen Farm No 3					
1283	3	5 6	305	21,762	977
1034	3	7 8	305	19,375	944
1414	3	4 6	305	25 565	935
1747	3	2 7	305	21 319	926
1740	3	2 1	305	18 297	882
1614	3	2 11	305	20,631	834
1455	3	4 5	305	22 615	822
1509	3	4 1	305	16,952	792
1663	3	3 1	299	20,187	772
1073	3	6 10	305	20,881	770
1609	3	3 2	299	15 144	767
1634	3	2 11	305	17,893	763
1743	3	2 8	305	18,011	757
1306	3	5 6	305	17,085	750
Edwin Steach					
Jerri	3	4 2	305	23 313	948
Sylvia	3	4 8	305	21,027	856
Lucille	3	4 6	305	19,945	800
Laurie	3	6 4	298	18,616	800
Daland Farms					
Pansy	3	6 6	291	20 963	920
Angg	3	6 8	305	23 419	866
Silvas	3	3 9	305	20 801	811
Branstetter Farms					
Lure	3	2 0	305	21 723	902
Kris	3	1 0	305	19 651	706
Locust Lane Farm					
0103	3	6 0	305	19,864	900
0 18	3	4 9	305	22,312	831
Willard Yoder					
108	3	3 10	305	20 865	876
Joseph M McMath					
Joyce	3	4 9	301	23 022	852
Roxy	3	7 0	305	18,891	823
Windy	3	6 1	247	18 004	754
E James McMath					
Sarah	3	12 7	305	23 057	831
Durbin Farms					
Grace	3	3 10	305	21 051	822
Ginny	3	8 9	305	21,906	767
Globe Run Farms					
Fritzi	3	5 2	305	20,372	813
Cash	3	6 9	305	23,246	762
Gerald McMath					
Mertle	3	5 10	305	23,551	802
State Correctional Institution					
544	3	4 4	305	18,675	797
538	3	4 4	305	18,744	791
466	3	5 0	305	15,019	777
732	3	2 5	305	15,224	753
Ezra S Zook					
Gayle	3	4 11	305	18,826	794
Gillbrook Farms					
1619	3	3 0	305	20,045	775
Samuel K Byler					
130	3	4-8	305	23,504	774
John S Kyper					
21	3	7 5	305	19,871	761
Sidney R Ormsby					
46Binky	3	5 5	305	15 711	761
Roland G Yoder					
Lucy	3	10 9	305	20 361	755
Dean E Varner					
Rose	3	4 5	305	17 990	751

SULLIVAN COUNTY DHIA
June Report

Rolling Herd Averages
(650 lbs. butterfat and over)

Richard R Higley	3	86 1	83 0	17 452	715
Raymond Norconk	4	41 7	84 7	18,800	710
Lambert Farms	3	118 0	90 3	18,689	697
Dennis Vickie Boyd	3	32 6	82 4	19,003	673
Ronald Hembury	3	82 8	89 4	17,085	664
William Hottenstein	3	53 6	82 4	17,965	656

Completed Lactations
of 750 Lbs. or More of Butterfat

Richard R Highley						
Bonita	3	3 3	305	19,597	4 7	923 2
Trena	3	5	305	18,708	4 0	751 3
Lambert Farms						
Fannie	3	4 7	305	23,895	3 7	894 4
Beech	3	3 1	305	20,608	3 8	787 2
Randy Heess						
3	3	6	305	18,240	4 6	843
Ronald Hembury						
Pansy	3	4-5	305	21,641	3 8	828 3
C E Arey & R Coombs						
Sugar	3	3 8	305	18,539	4 4	808 3
Shannon	3	3-2	305	20,711	3 9	804 2
8	3	10-3	305	23,892	3 2	767 8
R L & Tracy McCarty						
Angie	3	5 6	305	18,592	4 3	805 4
Raymond Norconk						
Phyllis	3	4-9	305	23,670	3 4	803 3
William B Hart						
67Y	3	5-9	305	26,518	3 0	796 4
22G	3	4 5	288	18,961	4 1	778 3

Stanford DOUBLECROP DOLLAR SAVINGS

SAVE ON SOYBEANS AS YOU BUY YOUR WHEAT

Here's your chance to save money on top quality soybeans

Buy your Stanford wheat now—choose either Hytest SR82 or McNair 1003, two of the most popular grown in this area.

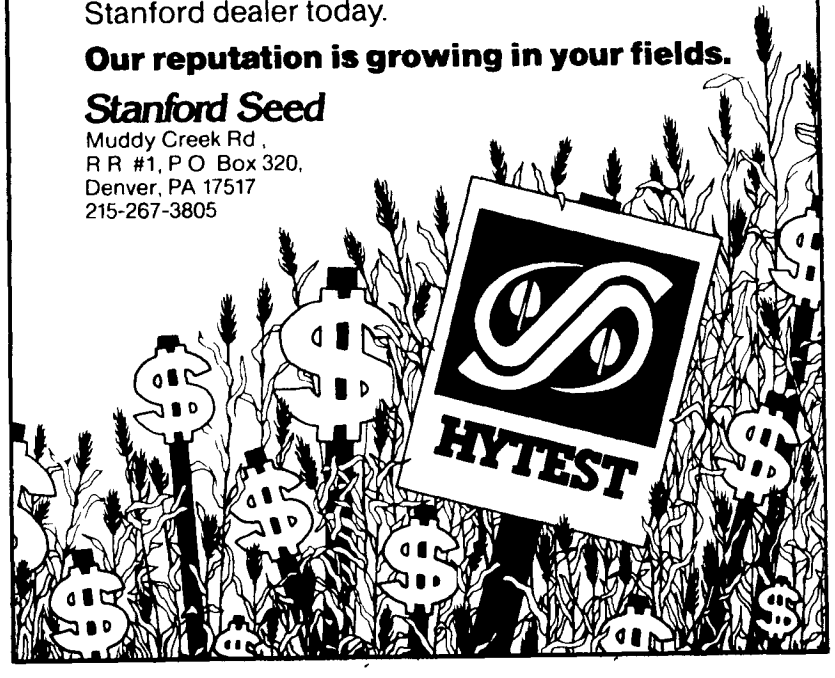
Next spring, choose your favorite Hytest soybeans and redeem your Doublecrop Certificate bag-for-bag based on your Stanford wheat purchase this fall

You'll be a dollar ahead on every bag of soybeans.

Get the full details on Stanford Doublecrop Dollar savings. Call or stop in at your local Stanford dealer today.

Our reputation is growing in your fields.

Stanford Seed
Muddy Creek Rd ,
R R #1, P O Box 320,
Denver, PA 17517
215-267-3805



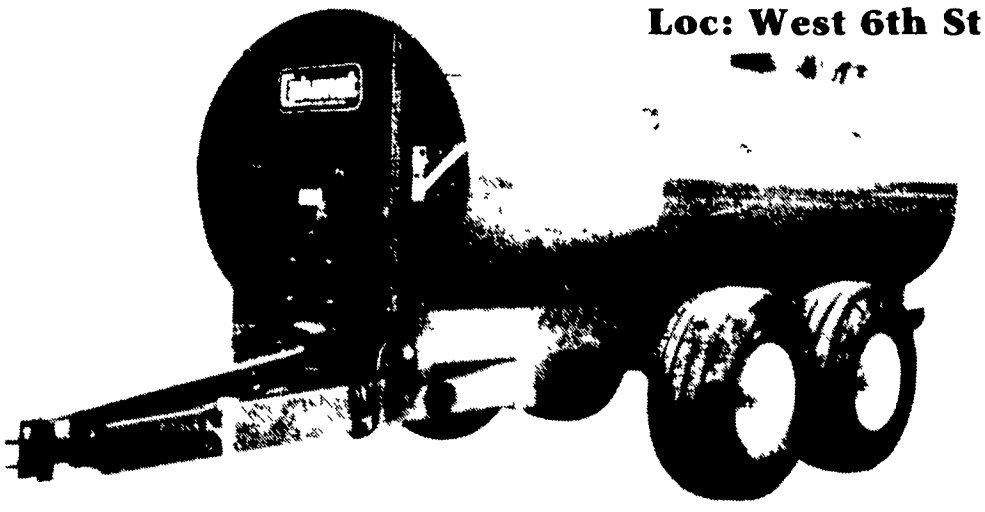
You Need A Manure Tanker?

SEE THE CALUMET S-3750

On Display At

AG PROGRESS DAYS, Aug. 21-23

Loc: West 6th St.



The mighty mid-size.

Calumet S-3750

To build a better mid size spreader, we took a lesson from our bigger models and engineered the perfect solution the Calumet S-3750

For the farmer who wants to haul more than 3 250 gallons of slurry, yet can t handle the heavier weight or cost of a 4,500-gallon tank, this new 3 750-gallon model is the affordable answer

The over-built undercarriage of the S-3750 is straight out of our big 4,500-gallon spreader, so it s really rugged We borrowed the bigger model s 18 x 22 5, 16-ply rib tires, too, and mounted them on 4-inch spindles and 16,000-pound capacity hubs

The S 3750 s tank is made of 3/16-inch alloy steel plate Tank-to-frame welding is continuous (not skip welded) for strength and unity Like all Calumet spreader tanks, it features extra-strength flanged heads with heavy reinforcement channels for maximum support Two large steel baffles reduce liquid surge and give the tank added strength

You can top spread manure with the standard PTO driven rear slinger Or bolt on the optional two- or four-shank soil injector to make the most of manure s nutrient value

The rugged features and performance you d expect from a large tank, and the affordable cost of a mid-size spreader We ve brought them all together in the new Calumet S 3750

S-3750 Spreader Specifications

Capacity:	3,750 gallons	**Ground Load:**	23 P S I
Tank Length:	192"	**Suspension:**	Independent Walking Tandem
Tank Material:	3/16' alloy steel	**Brakes:**	Four wheel—hydraulic, cab controlled
Weight (empty):	7,525 lbs	**Float Level Indicator:**	Standard
Weight (loaded):	38,650 lbs *	**Baffles:**	Two
Hitch Weight:	2 500 lbs (est)	**P.T.O. Speed:**	540 or 1,000 R P M
Tires:	18 x 22 5—16 ply		

*Based on 8 3 lbs /gallon

Calumet Full Line of Calumet Equipment On Display At The Show

F. ERNEST SNOOK

RD 3, Box 84, Mifflinburg, PA 17844 PH: (717) 966-2736

"WE'RE HERE TO SERVE YOU"

Photo highlight from 1983 Ag Progress

Field demonstrations are always popular at Ag Progress Days. Here, primary tillage teams go through their paces as large crowds line field at 1983 Ag Progress.

Bailey to address Ag Progress luncheon

HARRISBURG — Don Bailey, democratic candidate for Pennsylvania Auditor General, will be the featured speaker at the annual Ag Progress Luncheon of the Penn Ag Democrats. The event is taking place Wednesday, August 22nd, 12:45 p.m. at the Holiday Inn of State College. Buses will leave Ag Progress Days from the headquarters building at 12:30.

Bailey served with distinction in the U.S. House of Representatives. He served on the Education and Labor Committee and the Armed Services Committee, and was a member of the prestigious, and powerful, House Ways and Means Committee. Bailey was the most highly decorated Vietnam veteran ever to serve in the U.S. House of Representatives.

Don was initially elected a precinct committeeman, and then was elected to the Democratic State Committee. Recently, he was appointed to the State Committee's Policy Committee after having served on PDSC's Finance Committee.

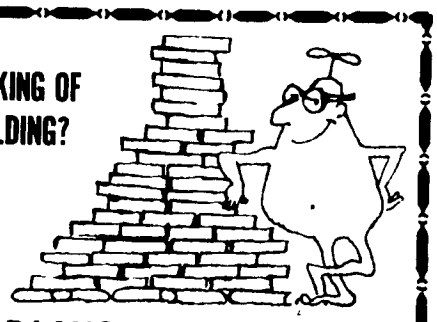
The Penn Ag Democrats is a statewide organization of farm and rural democrats who work for the advancement of agriculture through the Democratic Party and its candidates. The organization is affiliated with the Democratic State Committee and works on behalf of candidates at the local, state and national levels. Membership is open to all residents of the Commonwealth who are associated with agriculture.

Ticket contributions for the lunch are $10.00 each and can be ordered by calling any officer of the Penn Ag Democrats: Boyd Wolff, chairman 412-668-2843; Warren Lamm, vice chairman 215-678-8326; Bill Logan, secretary 717-774-2797; or Bill Moore, treasurer 717-933-4629. The deadline to order tickets is Thursday, August 16th.

HOULE
• Liquid Manure Pumps
• ELECTROMIX
• Barn Cleaner Chains
WIC
• Bedding Choppers
• Silage Carts
• Manure Tanks
US AGRI-SYSTEMS
800-222-2948
(301-398-3948) local
• Free Stalls
• Self-Locking Panels
• Comfort Stalls
• Gutter Grates
Available From
THOMAS DUNLOP
(717) 398-1391
Also See Ad On Pages B24 & 25

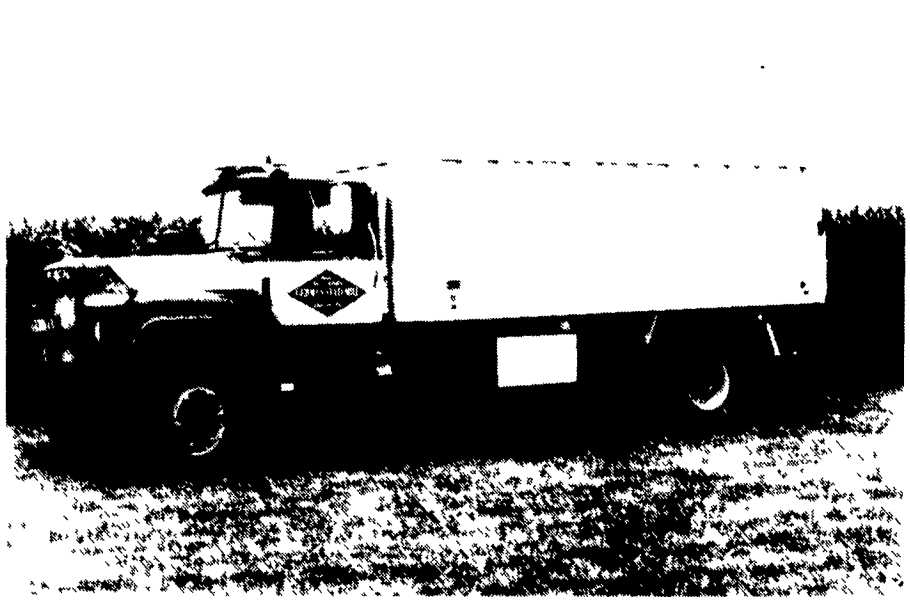
AVAILABLE
All Natural
New York State Cheddar Cheese
or higher Moisture Cheese
Like Longhorn or Colby
42 Lb. Blocks
Medium Sharp $1.90 per Lb.
Mild $1.80 per Lb.
Prices Postpaid
Please send Check or Money Order to:
ADIRONDACK CHEESE CO.
RD 1 Box 74, Newport, New York 13416

THINKING OF BUILDING?

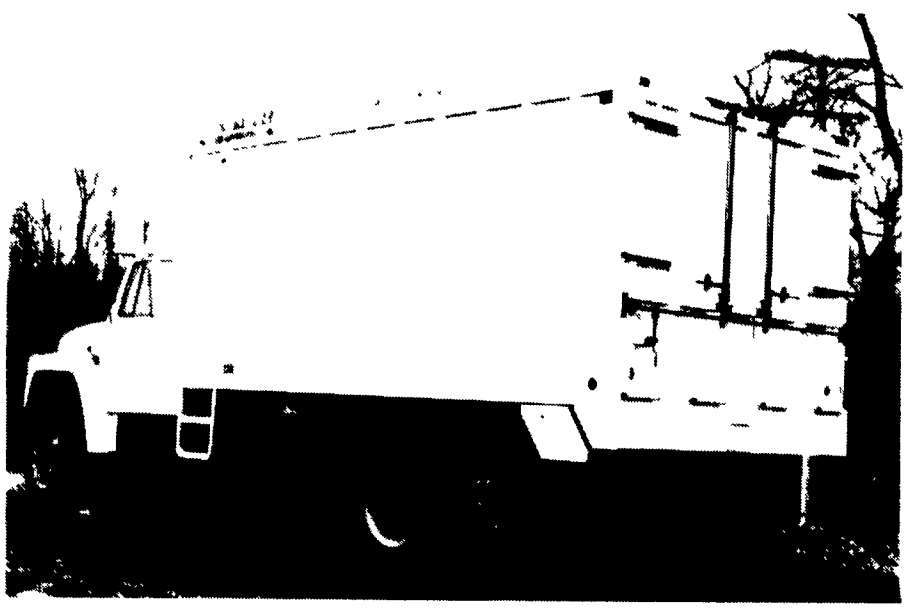


READ LANCASTER FARMING'S ADVERTISING TO FIND ALL YOUR NEEDS!

HEWEY WELDING
Box 2312, Rd 4
Lebanon, PA 17042
(717) 867-5222



GRAIN BODY



BULK FEED TRUCK

Aluminum Grain Bodies And Aluminum Repairs
WE FABRICATE BODIES TO YOUR SPECIFICATIONS

2 centuries to be turned back at Hay Creek Valley

SEPTEMBER 7, 8 and 9

HAY CREEK VALLEY
FALL FESTIVAL

Main festival events all 3 days, 10 a.m. to 6 p.m.
Admission $2.00, under 12 free, free parking

Our 200 years
of memories
are worth sharing

This 1905 "portable" steam engine will run the saw mill at the Hay Creek Valley Festival. A number of steam engines and more than 200 turn-of-the-century gas engines will be on display.

MORGANTOWN — The lifestyle of the Joanna Furnace Iron Plantation throughout the past 200 years will be recreated at the annual Hay Creek Valley Fall Festival Sept. 7, 8 and 9. Each day of the festival, the Hay Creek Valley Historical Association will display a glimpse of the good life as it was in an early American iron plantation.

The festival is held at Historic Joanna Furnace near Reading. The furnace is located 3½ miles north of the Pennsylvania Turnpike Morgantown interchange on PA Rt. 10. The main festival activities and demonstrations run from 10 a.m. to 6 p.m. all three days.

Joanna Furnace consists of the remnants of a major iron-making community in southern Berks County. The furnace operated for 104 years, from 1793 to 1897. At its peak, Joanna employed 168 workmen in addition to providing for over 1350 dependent farmers, butchers, grist mill operators and others nearby. At the height of its operation, Historic Joanna Furnace used 5000 cords of hardwood from its 6000 acres of woodland and produced 2200 tons of castings per year.

The furnace complex is owned by the Hay Creek Valley group. It was formerly part of the Grace Mine property until Bethlehem Mines Corporation donated the 25 acre tract to the association.

In 1983 about 50,000 visitors came to the Fall Festival. Visitors to this year's festival can examine the remains of the complex-the furnace stack, the blower engine house, the office/store and the ruins of the casting house, the wheelwright shop and the charcoal storage house. By the opening day of the festival, the first reconstruction project will have been completed. The blacksmith shop will be finished complete with a working blacksmith and artifacts on display inside. Visitors will be able to see archaelogical research in progress at the casting house and examine the plans for future restoration of the furnace. Historic Joanna Furnace is listed in both the Pennsylvania and National Registers of Historic sites.

The Fall Festival is not a nostalgic look back, rather it is a reaffirmation of the good life in the Hay Creek Valley and its calm, quiet life style. The festival recreates the life on an early American iron plantation from the 1790's to just after the turn of the 20th century. Visitors will be able to experience the way Joanna Furnace families lived and worked.

The goal of the festival is to be a family learning experience with something for everyone from children to grandparents. The directors have designed the event to be a two-way communication medium. As one director put it, "We want the visitors to talk to the craftsmen; become involved with them and learn from them. And better yet, the visitors can relate to the craftsmen knowledge from their own background-perhaps something the craftsmen don't even know. We want to learn as much from the people as they learn from us.

Years ago craftsmen and farmers didn't write 'how-to-manuals' they showed their sons and daughters how to do things. The crafts people at the festival learned in that way and are now teaching others how to practice their crafts. This oral tradition is what the Fall Festival is all about. In twenty or thirty years if these traditions and techniques are not passed on. They will be gone forever."

Skilled housewrights will form lumber and structural beams from logs. They will use a pit saw for some operations. Some men will be boring logs to make wooden pipes. Other craftsmen will split fence posts. Some will hand split shakes to be used as shingles. Blacksmiths will make wrought iron farm implements and kitchen utensils.

The lost art of making wagon wheels will be revived by a wheelwright. Old fashioned brooms will be made. Coopers, cabinet makers, basket makers and tinsmiths will demonstrate their crafts.

Association members will be dressed in colonial clothing while going about their tasks. The ladies will show off domestic specialties by demonstrating spinning, natural dying and weaving of wool and flax, chair caning, herbal medicines, making sauerkraut, quilting and other domestic crafts.

They will also bake homemade bread, make shoofly pies, apple cider and apple butter. These items will all be available for sale.

The Fall Festival has one of the largest concentrations of working

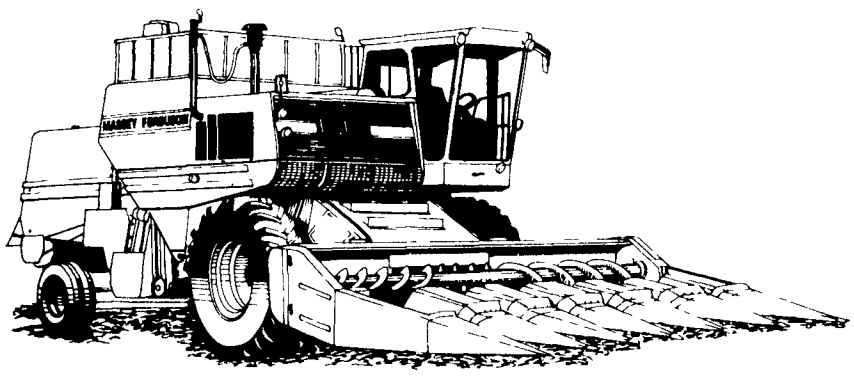
(Turn to Page E33)

There will be plenty to eat at the Hay Creek Valley Fall Festival Sept. 7-9, including tasty shoofly pies.

Weavers and spinners will be among the craftsmen demonstrating oldtime endeavors of the Early-American family at the Hay Creek Valley Fall Festival on Sept. 7-9 at Joanna Furnace near Morgantown.

HARVEST A DEAL!

You asked for low interest...you got it!



Choose the rate that's right for you!

You told us you were looking for lower interest rates and , flexible financing on combines and tractors, and we responded with a financing package that lets you be your own banker. Now you can buy any new Massey-Ferguson 800 or 500 Series Combine or any new MF 4000 Series 4WD Tractor and choose the fixed-rate MF financing that fits the way you farm!

Pick one of these financing plans!

- ☐ 6.9% APR, 18 months or
- ☐ 7.9% APR, 30 months or
- ☐ 9.9% APR, 42 months or
- ☐ 10.9% APR, 54 months or
- ☐ 11.9% APR, 60 months or
- ☐ Waiver of finance charges to January 1, 1985 for corn combines or 4000 Series Tractors, June 1, 1985 for wheat combines.

Down payment and qualified credit required

Plus big factory discounts in the bargain!

In addition to special financing options, you'll save even more with the big, big factory discounts Massey-Ferguson has made available on new MF Combines and 4000 Series Tractors.

9.9% APR, 42 Months

Flexible financing on other MF tractors!

Right now you can also get your choice of these great financing options on new MF tractors from 34-125 PTO hp.

9.9% APR Financing for 42 months
or
Waiver of Finance Charges 'til January 1, 1985.

9.9% APR financing is available on MF compact tractors, too.

And you get **big factory discount savings** on all these models. So hurry and see us soon!

Hurry! Offers for a limited time only

VISIT OUR DISPLAY DURING AG PROGRESS DAYS, Located On E. 3rd St., AUG 21, 22, 23

MF Massey Ferguson

ABRACZINSKA'S FARM EQUIP. INC.
RD 1, Catawissa, PA
Ph (717) 356-2323
(South on Rt 42)

M. M. WEAVER & SON
N Groffdale Rd
Leola, PA 17540
Ph (717) 656-2321

ARNETT'S GARAGE
Rt 9 Box 125
Hagerstown, MD
Ph (301) 733-0515

S. G. LEWIS AND SON
West Grove, PA
Ph (215) 869-9440
869-2214

R.W. KELLER SALES
Perkasie, PA 18944
Ph (215) 257-0101

MARLIN W. SCHREFFLER
Pitman, PA
Ph. (717) 648-1120

N.H. FLICKER & SONS, INC.
Maxatawny, PA
Ph)215) 683-7252

WEB SNYDER INC.
RD 1
Watsontown, PA 17777
Ph (717) 538-5555

LEBANON VALLEY IMPLEMENT CO.
700 E Linden St
Richland, PA
Ph (717) 866-7518

Photo highlight from 1983 Ag Progress

The top selling boar in last year's Performance Tested Boar Sale was this Berkshire consigned by Clayton Winebark, shown on right. Purchasers include J. Richard Townsend and Debbie and Shelly Townsend..

19 food vendors at Ag Progress

ROCK SPRINGS — If you get hungry while viewing the many activities at Penn State's Ag Progress Days, don't worry – 19 food vendors will be offering a wide selection of Pennsylvania-made foods. According to Russ Seward, coordinator of food sales, these local specialties will sell at very reasonable prices.

Among the many treats will be maple ice cream sundaes available from the Wayne County chapter of the Pennsylvania Maple Producers and honey-sweetened ice cream from the Pennsylvania Beekeepers Association. Penn State mushrooms will also be sold. The State College Lions Club will be offering them breaded and with cheese sauce. The Club will also be passing out mushroom recipes and nutrition information.

In addition, a new dairy product made from Ultra High Temperature treated milk will be introduced. "Sip Ups" come in seven flavors, all with vitamins A and D added. Because they do not have to be refrigerated until just prior to drinking, Sip Ups are handy for picnics and backpacking.

Mike shakes, beef sandwiches, hamburgers, french fries and more will be available at Ag Progress Days. Come join the event at Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45. Parking and admission are free. The show runs from 8 a.m. to 5 p.m., Tuesday through Thursday.

Hay Creek Valley

(Continued from Page E32)

early-American craftsmen in southeastern Pennsylvania. Potters, quilters, calligraphers, furniture makers, ink makers, paper makers just to name a few. Hay Creek Valley craftsmen are renowned for their work. These craftsmen must meet strict standards of authenticity and quality before they are invited to participate in the festival.

Occupying another section of the 25-acre festival grounds is the technological history exhibit. Visitors can walk up to and examine more than 200 turn-of-the-century stationary gasoline engines, primitive tractors and steam traction engines.

Most of these engines are in mint condition after being restored by association members. The engines will be running and many will be powering machinery during the festival.

The steam power section will have numerous exhibits and demonstrations of farm activities such as a large sawmill in operation, wheat threshing feed grinding and the milling of corn meal. All these jobs will be done with energy supplied by huge steam engines some weighing as much as 17 tons.

Visitors can round out their study of Historic Joanna Furnace by taking the self-guided walking tour. At various locations interpreters will discuss the process of iron making at Joanna and the activities that took place in each of the buildings. Numerous period photographs of the furnace community, archaeological artifacts found on the site, and actual objects cast at Joanna Furnace will be on display. Casting demonstrations will occur periodically and colliers will be making charcoal as it was made to fuel the furnace.

Each day at noon and again at 5 p.m. steam whistles announce that it is time to eat. And how one can eat! Delights such as open-fire cooked soups, chicken pot pie, famous Hay Creek Apple Butter and moon pies will be available. Visitors will enjoy wholesome, delicious food prepared from early American recipes-just as when Joanna Furnace was in blast. Additionally, all types of contemporary foods will be available as well.

Music is always a major part of the Fall Festival. The music will be performed on stage and throughout the festival grounds. Over a dozen musicians will be performing period music informally at various locations.

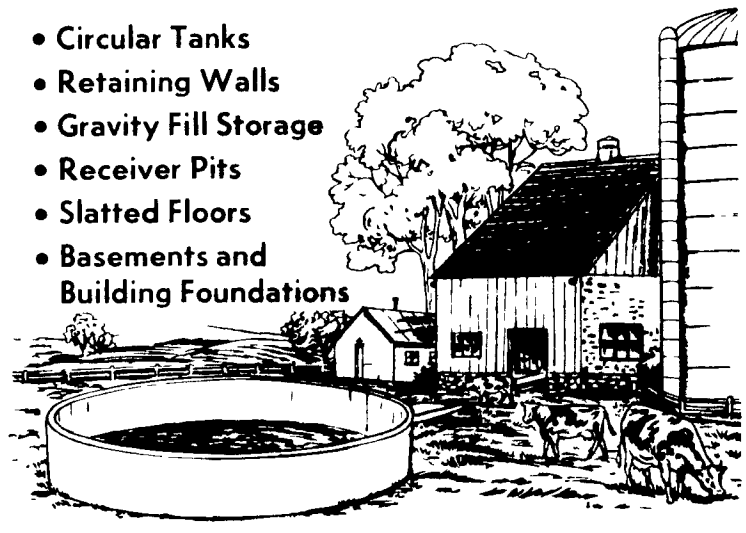
Two of the musical highlights of the weekend will include a hoedown on Friday evening at 8 p.m. Good old time music will be supplied by Linsey-Woolsey, one of the Philadelphia areas favorite folk groups. On Saturday afternoon from 5 to 7 p.m., the New Holland Band will perform on stage. This performance will bring back the flavor of the early 20th century "concerts-in-the-park". The $2 admission to the festival grounds entitles visitors to attend all musical and other stage presentations.

On Sunday morning at 8:30 a.m. an old time church service will be held outdoors. Old favorite hymns will be sung to the accompaniment of a century-old pump organ. The weekend of September 7, 8 and 9 promises to be an exciting time for everyone regardless of age. Raindate for severe weather conditions only will be Sept. 14, 15 and 16.

NEED MORE ROOM?
Read The Real Estate Ads
In Lancaster Farming's
Classified Section

POURED REINFORCED
CONCRETE CONSTRUCTION

- Circular Tanks
- Retaining Walls
- Gravity Fill Storage
- Receiver Pits
- Slatted Floors
- Basements and Building Foundations

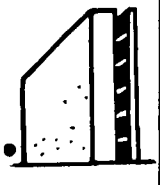


SIZES & LAYOUTS TO YOUR SPECIFICATIONS

We are qualified to handle any poured concrete job you may need. We use a practical aluminum forming system to create concrete structures of maximum strength and durability. For a highly satisfactory job at an affordable price, get in touch with us.

POURED FOR DURABILITY

Groffdale
concrete walls, inc.



BRICK CHURCH RD. LEOLA, PA. 17540

FOR SALES & LAYOUT CONTACT
GROFFDALE POURED WALLS (717) 656-2016
JAKE KING (717) 656-7566

ALL SIZES AND TYPES AVAILABLE
AT DISCOUNT PRICES

FARM TIRE SALE

- Fast On The Farm Service
- Radio Dispatched Service

Car, Truck and Implement Tires In Stock

LEOLA TIRE SERVICE, INC.

717-656-2574 258 W. Main St., Leola, PA

DUNLOP TIRES
For the long run

Top seller at last year's Holstein Ag Progress Sale was Ebon-Blanc Tradition Gleam at $3700. From the left are Bill Nichol, of Holstein Assn.; Thomas Hartle, consignor; Roger T. Gree, representing buyer Amelio Curti, not pictured; and Barbara Green at lead. In back are Jay Howes and auctioneers, Mark Glick and V. Art Green.

Photo highlight from 1983 Ag Progress

Delmarva poultry talks on Sept. 11

OCEAN CITY, Md. — Planners of the Delmarva Broiler Housing Seminar and Marvland Servicemen's Conference have joined forces to produce the 1984 Delmarva Broiler Housing and Flock Supervisors' Conference. The day-long event will take place Sept. 11 at the Carousel Hotel in Ocean City, MD. It is being sponsored by the Delmarva Poultry Industry, Inc., in cooperation with the University of Delaware and University of Maryland.

The morning half of the program, which will begin at 8:30 a.m., will focus on air quality problems in poultry houses. Speakers will discuss: OSHA's position on environmental quality and the broiler producer; possible effects and precautions growers should take; and the effect of air quality on bird performance. A grower will also discuss air quality problems from his perspective. Following these talks there will be presentations on methods of controlling air quality: ammonia control through litter treatment and other practices; ventilation and misting techniques; and the use of air scrubbers to reduce ammonia inside a broiler house.

In the afternoon there will be talks on keeping poultry housing up to date and competitive, plus updates on reoviruses, adenoviruses and avian influenza, and a two-part motivational film. At 4:45 DPI president Jerry Truitt will present the industry's outstanding broiler supervisor awards. The conference will close with a fellowship hour.

Since avian influenza quarantines are still in effect in parts of Pennsylvania and the Shenandoah Valley of Virginia, Delmarva poultry health officials have asked persons from these quarantine areas, as well as individuals who have had recent contact with those areas, not to attend the conference

Deadline for registration is Aug 31 There will be a $20 fee to cover lunch and other costs. For further information contact Delaware extension poultry specialist George Chaloupka at (302) 856-5250.

DEKALB-PFIZER GENETICS

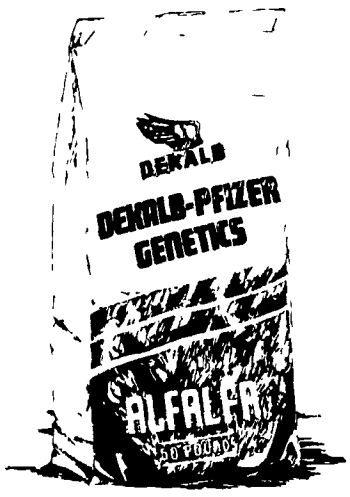
DEKALB

Who's talking alfalfa now?

WE ARE!

IF YOUR ALFALFA PROGRAM INCLUDES FALL SEEDING, WE HAVE THE PREMIUM QUALITY SEED YOU NEED FOR EXCELLENT STANDS AND YIELDS.

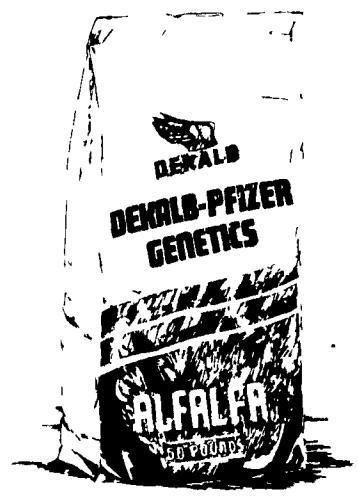
JOIN THE WINNERS!
PLANT DEKALB ALFALFAS NOW



Advantage 120

- One of our newest high yield leaders
- Outstanding performance data in state trials
- Recovers quickly after cutting
- Excellent phytophthora root rot resistance
- Good anthracnose tolerance
- Excellent winter hardiness

- Your best choice for top yields
- Outstanding winter hardiness
- Developed for long-term stands
- Fine stemmed and leafy for high quality hay
- Features fast, thick regrowth
- Excellent phytophthora root rot resistance



CONTACT YOUR LOCAL DEKALB PFIZER GENETICS FOR QUALITY ALFALFA SEEDS NOW

DEKALB-PFIZER GENETICS

DEKALB

'DEKALB" is a registered brand name Numbers designate varieties or blends As a condition of sale please note statement of limited warranty and remedy on DEKALB-PFIZER GENETICS orders and tags

Computer game to test conservation know-how

HARRISBURG — An innovative computer game will be part of the conservation activities in the conservation tent at Penn State's Ag Progress Days, August 21, 22, and 23.

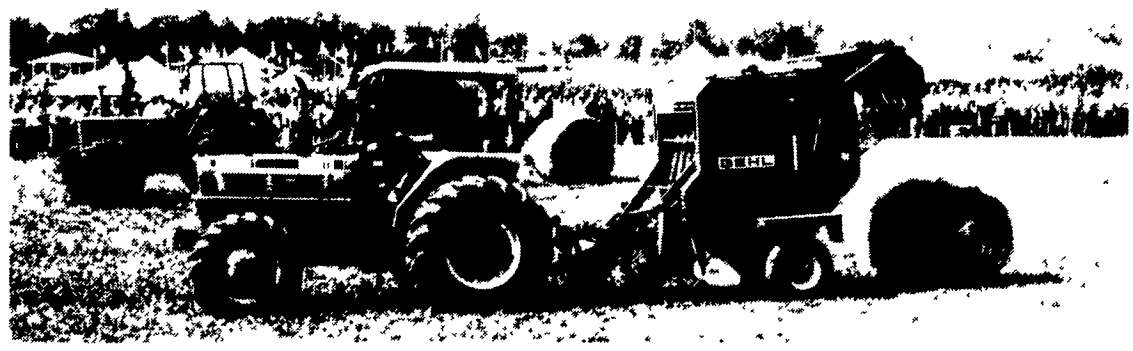
Those choosing to may pit themselves against the computer in making farm management decisions for controlling soil erosion while maximizing crop yields and profit. The computer program will be operated by Richard Shockey, resource conservationist, USDA Soil Conservation Service, and was developed by Pioneer Hi-Bred International Inc. and Agri-Education Inc.

In the program, SCS inputs the Universal Soil Loss Equation Factors to form different farm field conditions typical of the area in which the participating farmer operates. The computer selects a particular field and flashes on the screen factors such as soil type, erodibility, rainfall, tolerable soil loss, and other data. The player compares his choice of crop rotation and tillage methods with the computer's calculation.

This program can also be used in SCS, Conservation Districts and Cooperative Extension Service offices for making farm management decisions.

The innovative computer program is just one of many new features being added to this year's Ag Progress Days.

Photo highlight from 1983 Ag Progress



Hay harvesting equipment is always a highlight at Ag Progress. Round balers from various manufacturers roll their packages for all to see and examine.

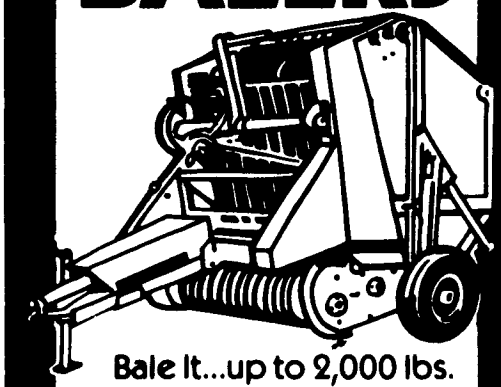
HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
BINKLEY & HURST BROS.
(717) 626-4705
Also See Ad On Pages B24 & 25

HAY! BALERS



Bale It...up to 2,000 lbs. of hay in one package. Up to 15 tons per hour. Solid from the core to the outside wrap.

- 25% heavier than other large round packages 25% less spoilage
- A bale that retains its shape — and nutritional value — better than any other hay package in the field
- Five different models to fit your needs
- The best part? It's the most competitively priced baler in the field today!

Vermeer

See Us At AG PROGRESS DAYS

RED WING FARMS
R D. #1378
Fleetwood, PA
(215) 944-0402

TRIPLE H EQUIPMENT
R D #1, Box 164
Peach Bottom, PA
(717) 548-3775

VISIT OUR DISPLAY AT AG PROGRESS DAYS

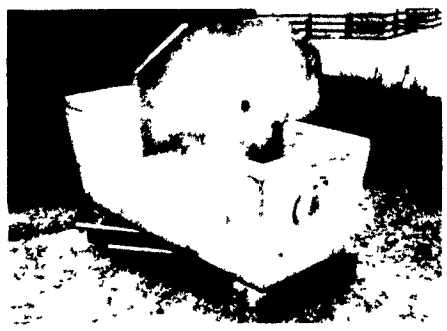
"Where's the WATER?"

RIGHT HERE! Year-round.

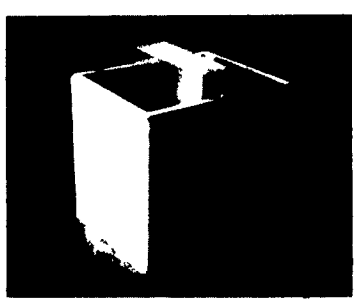
In precast concrete waterers from Concrete Safety Systems

Choose from a variety of styles to fit your particular needs, water sources, and available space.

ALL WATERERS FEATURE
• Steel reinforced precast concrete
• Simple installation • Low maintenance



Automatic Freeze-Proof Waterer
Combines ground insulation and swirling action to keep 100 gal. of water ice-free, even in sub-zero temperatures. No outside source of energy needed. Adaptable to a pond dam, spring developed or pressure systems.



Electrically-Heated Waterer
Keeps water at 45° in zero degree weather. The 8 gallon bowl capacity can supply 350 gal./hr. at 40 lbs. pressure. Automatic shut-off valve keeps bowl full.

Stock Tanks — Adaptable to pressure or spring-fed systems.
200 Gallon Round — 5 ft. diameter provides ample access in divided installations.
100 Gallon Rectangular — Fits compactly into calf pens, along fenceline, in barnyard.

Our complete line of precast concrete farm products includes the Smith Cattleguard® and fenceline and centerline feed bunks. Contact Roseann Moyer, our farm products specialist, today.

Please send me information on:
☐ Waterers ☐ Cattleguards ☐ Feed Bunks
Name _____
Address _____
City _____ State _____ Zip _____
Phone _____ LF 8/3/84

CONCRETE SAFETY SYSTEMS
Rt. 1, Box 105 Bethel, PA 19507
(717) 933-4107

Upper Susquehanna DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

MONTOUR, NORTHUMBERLAND, SNYDER & UNION COUNTIES DHIA
June Report

Rolling Herd Average Above 650 Lbs. Butterfat

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS MILK	LBS. FAT
MONTOUR					
Carl Slater&Son	R&GrH	34 0	89 0	20 285	757
PA Dept of Ag	R&GrH	110 8	85 4	18,166	707
Clifford A LeVan	RH	20 0	87 2	16,921	691
Earl W Harris	RH	55 9	86 6	18,708	681
Mar Ja Farm	RH	140 2	88 7	16,558	663
Lundy Brothers	RH	36 5	84 8	17,110	654
NORTHUMBERLAND					
Truckenmiller Fms	R&GrH	60 3	86 0	18,840	717
Irvin Reynolds	R&GrH	87 2	84 3	20,741	709
Shoch Manor Farms	R&GrH	125 8	87 7	19,168	696
Fred&Tom Strouse	R&GrH	59 5	88 3	17,840	687
RMD Shultz Farms	R&GrH	73 7	88 3	18,985	674
SNYDER					
Randolph Hoffman	R&GrH	30 5	86 1	21,721	780
HL Narehood&Sons	R&GrH	57 0	90 9	18,649	743
Rbt Ulmer&Sons	R&GrH	67 0	88 7	19,360	718
George Krebs	R&GrH	14 4	97 2	18,721	713
Jesse J Yoder	R&GrH	63 4	91 6	18,882	708
G & B Carper	R&GrH	56 1	86 8	18,851	706
E & D Apple	R&GrH	58 0	88 2	17 359	698
Urie & Dan Yoder	RH	51 7	85 3	18,578	691
Harold Hassinger	RH	43 0	83 8	17,072	676
J & G Blank	R&GrH	43 7	87 1	17,945	662
Pasture Grn Fm	R&GrH	34 1	86 4	17,788	654
Fisherdale Farm	R&GrH	71 2	90 7	17 298	653
Dale Hornberger	R&GrH	35 2	80 3	17 699	650
UNION					
Clarence Beiler	RH	62 8	88 3	19 571	780
John F Stoltzfus	R&GrH	48 9	87 7	20,424	749
Locust Row Farm	R&GrH	48 9	91 4	19 052	726
Ben S Yoder	R&GrH	38 9	85 9	19,273	713
Jacob Stoltzfus	RH	48 1	85 2	19,377	707
Amos J Zook	R&GrH	50 2	83 8	18 781	696
Elam Beiler	RH	41 2	93 6	16 873	693
Jonas Zeiset	R&GrH	41 4	89 9	19 446	687
Wood Ann Farm	R&GrH	30 7	87 3	17 753	674
Mifflin Hills Farm	RH	55 4	85 5	18 511	674
Eugene Spangler	R&GrH	77 5	88 8	16 953	666
Hemlock Meadow Fm	R&GrH	50 3	86 8	17 015	655
Ridge Creek Farm	RH	42 4	86 7	17 459	650

Denotes 3 Times Milking

Lactations Finished Over 750 Lbs Butterfat

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
MONTOUR					
PA Dept of Agriculture					
209	5 2	305	24,775	3 4	835
245	4 5	305	21 919	3 8	835
Ralph Kitchen					
Blacky	7 0	305	19 079	4 3	819
JA DA Land					
Boots	5 10	305	18,674	4 2	777
Mar Ja Farm					
Patsy	9 2	305	18,568	4 5	827
Linda	5 11	305	20 031	4 3	860
Patty	5 11	305	18,557	4 2	787
Mitzie	4 9	305	19,548	4 0	781
Carl R Slater & Son					
Tina	6 11	305	20,436	3 7	750
Robert Waltimyer					
77	2 9	305	22,505	3 7	838
NORTHUMBERLAND					
Truckenmiller Farms					
367	3 2	305	16 689	5 3	882
Buckwalter Brothers					
Verna	9 7	304	24 389	3 5	849
Terri	6 0	305	24 837	3 8	934
Love	7 6	245	20,763	3 8	792
Hattie	5 4	238	22 610	3 3	757
Ronald F Wallace					
Farrah	4 9	290	18 908	4 0	760
Shoch Manor Farms					
70	4 7	305	21,998	3 7	818
90	2 6	305	19,940	3 9	771
Fred & Tom Strouse					
Trudy	9 3	305	21 334	3 6	770
Bell	8 8	305	17 440	4 7	813
Shorty	4 10	305	20 848	3 9	806
Firefly	3 7	305	18 524	4 2	781
SNYDER					
John & Margaret Shirey					
Carol 59	5 8	305	20 001	3 8	761
Sabri 27	4 9	305	21 272	4 0	845
Randolph A Hoffman					
Sara	7 3	298	21,287	3 7	797
James M Hunsberger					
38	6 11	305	21 101	3 6	769
Glenn & Barb Carper					
Jenie 16	5 7	305	20 683	3 9	799
Kaye 72	3 7	305	19 886	3 9	772
Robert Ulmer & Sons					
Knight	8 7	305	21 756	3 7	806
Ester 2	4 9	305	21 259	4 1	863
Elmer & David Apple					
29	5 2	305	20 955	4 2	877
Richard E Weller					
16	10 2	305	18 621	4 2	779
UNION					
Eugene Spangler					
Rachel	3 7	305	18 221	4 2	770
Clarence W Beiler					
Ann	4 4	305	21,506	3 7	804
Joal Ann Dairy					
Billijo	3 7	305	21 414	3 5	760
CE & WN Hauck					
34	9 6	305	23,267	3 3	775
Amos J Zook					
Vonita	7 4	305	25,285	3 8	951
Norma	4 9	305	19 964	4 3	864
John F Stoltzfus					
76	7 4	305	21 279	3 9	835
15	5 8	305	23 164	3 9	896
Hemlock Meadow Farm					
Jennie	5 8	305	17 187	4 5	773
Pat	3 5	305	17 618	4 6	810
Mervin B Nissley					
88	3 6	305	25 339	3 4	859
Melvin K Stoltzfus					
Pretz	6 6	281	19 851	4 1	808
Jonas R Zeiset					
Daisy	5 2	305	23 160	3 5	804
Pewee	3 9	305	23 553	3 4	809
Dip N Hill Farm					
Donna	5 11	305	21 193	3 5	752
Jacob S Stoltzfus					
Doreen	6 4	305	22 055	3 4	751
Ridge Creek Farm					
Mattie	5 6	305	19,614	4 1	803
Mable	4 10	305	21 448	4 1	870
Ronna	4 4	305	19 925	3 9	778

CRAWFORD COUNTY DHIA
June Report

(Note: Herds are listed by Rolling Herd Averagers producing 650 lbs. of fat.)

Queens Manor Holsteins	RH	19 3	21,116	795
Richard L Black	RH	46 0	20,404	753
Black Pond Farms	RH	87 8	20,460	751
Richard M Lyons	RH	17 5	20,518	747
Crawford County Farm	R&GH	35 2	22,009	746
John Tautin Sr	R&GH	39 5	19,659	733
Tom & Libby Wilson	R&GH	12 2	18,893	723
Ernest Oakes	R&GH	77 7	20,802	710
Helen Anthony	RH	61 7	18,974	710
James K Anderson	RH	51 2	18 666	708
Stain-brook Farms	R&GH	42 1	18,851	707
Richard Deeter Farm	R&GH	20 5	17,714	706
Dennis B Halfast	R&GH	42 3	19,274	704
O Darlan Farm	R&GH	48 0	19,294	698
Kerr Hill Farm	R&GH	57 4	18,012	689
Lyle D Miller&Sons	GH	43 1	18,243	682
Robert A Freyermuth	RH	31 9	18,587	674
Morrell Farms	RH	91 8	18,453	670
Slusser & Naugle	RH	47 1	19 349	661
H B Simmons	R&GH	126 7	18 457	661

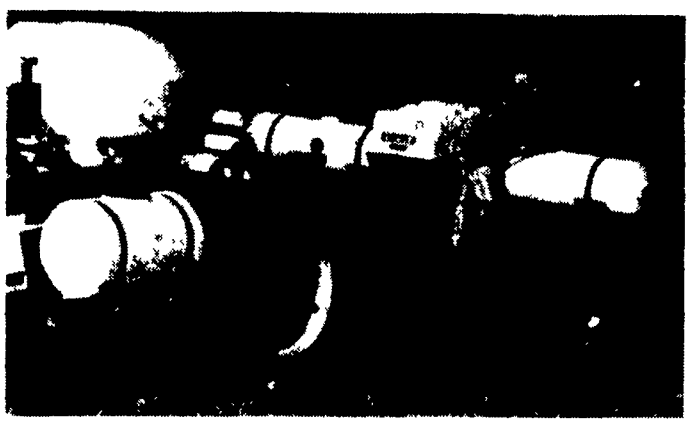
Indicates 3 times a day milking

HI-SCORE®

PLANT FOOD COMPANY, INC.
LIQUID FERTILIZER
"THE MODERN WAY TO GO"

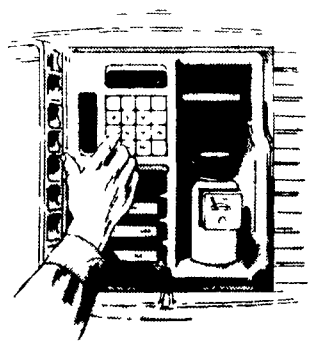
9-18-9 3-18-18 10-20-10

Other formulations available
Soil Testing - Storage Tanks - Delivery



Visit Us At Ag Progress Days

Hi-Score Plant Food Co., Inc.
3175 Oregon Pike P.O. Box 7775
Lancaster, PA 17604
717-656-4191



Slash drying costs as much as 75% with the AeroDry™ System

Cut Energy Costs 75%—Uses the drying power of fan forced air No gas to buy. And the only electricity used powers the computer controlled fan system.

Reduced Shrinkage—Shrink loss is cut up to 50% through natural moisture removal without high temperature heat

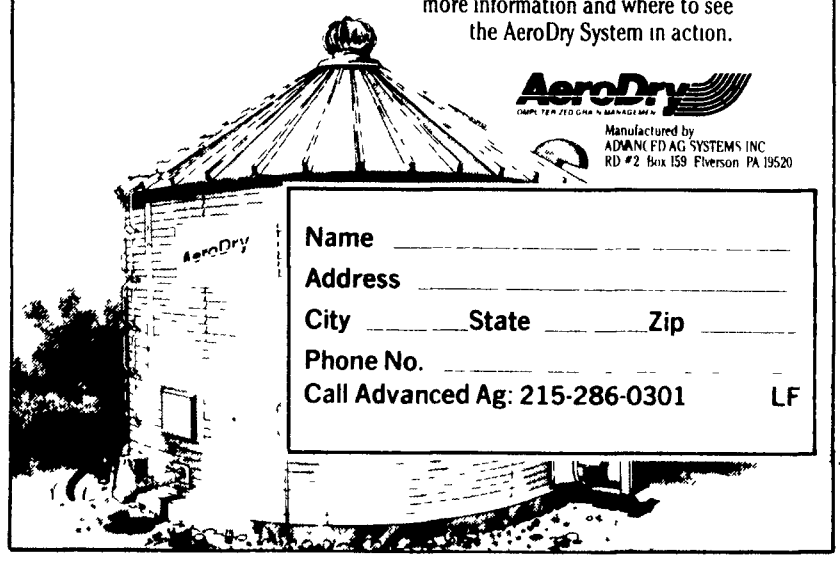
Better Grain Quality—With no high temperature heat to crack and damage grain, more starch, sugar, valuable nutrients and profit are retained

It's All in the Computer—The AeroDry Computer automatically monitors dry down day and night—then holds optimum storage conditions to keep grain in top condition

Farm proven from the Midwest to the East Coast, the AeroDry System can improve your grain drying operation. Call or mail the coupon for more information and where to see the AeroDry System in action.

AeroDry
COMPUTERIZED GRAIN MANAGEMENT

Manufactured by
ADVANCED AG SYSTEMS INC
RD #2 Box 159 Elverson PA 19520



Name _____
Address _____
City _____ State _____ Zip _____
Phone No. _____
Call Advanced Ag: 215-286-0301 LF

Try checkbook method for scheduling corn irrigation

NEWARK, Del. — With record high prices possible by harvest time, corn producers will want to have plenty to sell. Since irrigation is the best way to ensure a bumper crop on Delmarva, many growers put in new center-pivot systems this year.

Last summer at least three farms in Sussex County grew over 200 bushels of corn per acre under irrigation, so this is a realistic goal on sandy soils, according to University of Delaware extension agricultural engineer Tom Williams. The state record is 291 bushels on an irrigated silt loam.

It takes a lot of water to grow 200-bushel corn, though–about 25 inches or 700,000 gallons per acre total, applied as irrigation and rain at the right time throughout the growing season.

Research at the University of Delaware Agricultural Experiment Station has shown that corn water use starts slowly in May (1.7 inches), accelerates in June (5.4 inches), peaks in July (9.5 inches), declines in August (7.5 inches) and ends at maturity in September (1.3 inches).

July is the most critical month, with corn water use peaking at about 0.32 inches a day during pollination. To keep up with this peak demand when no rain falls and there's limited soil moisture stored in the root zone, Williams says an irrigation system with 75 percent efficiency would have to supply 8 gallons per minute per acre continuously (24 hours a day, 7 days a week).

"Scheduling irrigation is a real challenge in the East where rain can mess up your schedule but save on pumping costs," he says. "Too little water reduces yields; too much leaches out valuable plant nutrients."

He recommends growers use what he calls a "checkbook method" to keep track of available water, so that they know when to turn their systems on and off for maximum benefit to the crop.

Rainfall and irrigation water are the deposits to the account. Corn water use is the withdrawal. One point to remember is that the account can't exceed the soil's water-holding capacity in the root zone. So growers must know how much water their soil will hold and how much is available for plant growth. This can vary from less than 1 inch per foot to over 2.5 inches per foot. Coarse textured soils hold the least amount of available water. The Soil Conservation Service and the Cooperative Extension Service can both provide information on soil type and moisture-holding capacity in individual fields.

Next, a farmer using this water accounting method should determine the crop rooting depth. According to Williams, corn usually reaches its maximum rooting depth by tasselling time. "Roots may reach down 4 feet," he says, "but our studies have shown that most of the water is drawn from the top foot of soil. If you don't want to dig a few holes and look for roots, assume a 2-foot rooting depth. This sets the limit on how large your soil water account can get. Rooting depth times available moisture per foot equals the maximum amount of water available to the crop."

When the water account is down to half this amount, it's time to irrigate. In other words, irrigate when the soil moisture deficit is 50 percent of the available soil moisture capacity within the major root zone.

Growers can estimate how fast water is being withdrawn by the corn crop in a number of ways, but one of the easiest methods is to simply read it off the graph of corn water use developed at the University of Delaware. (Copies of this graph are available at county extension offices in Newark, Dover or Georgetown, or by calling Williams directly at 451-2468).

Here's an example of how to estimate the rate of water use. Assume it's the second week in July and corn is pollinating, using 0.32 inches of water per day. If the soil mosture-holding capacity is 1 inch per foot and the major rooting depth is 2 feet, when the soil is at field capacity after a heavy rain or irrigation, the maximum water available will be 2 inches. Under these conditions, the crop should be irrigated when 1 inch of water has been withdrawn or used.

That means the corn needs to receive 1 inch of water every 3 days until the end of July, when water use starts to decline.

"If you set the system to apply 1 inch of water," says Williams, "an efficiency of 60 to 90 percent will leave a margin of safety in your water account for some rain. If the system is 70 percent efficient, then you're still 0.30 inches short of filling the soil back up to field capacity."

The probability of receiving 0.30 inches of rain within a 3-day period in July in southern Delaware is about 40 percent. So, in four years out of 10, rainfall will make up the difference. But in six years out of 10, the irrigation system will have to make up the difference. "Take this into consideration in managing your water account," the specialist says.

With a little programming, he adds, all this bookkeeping could be done on a microcomputer.

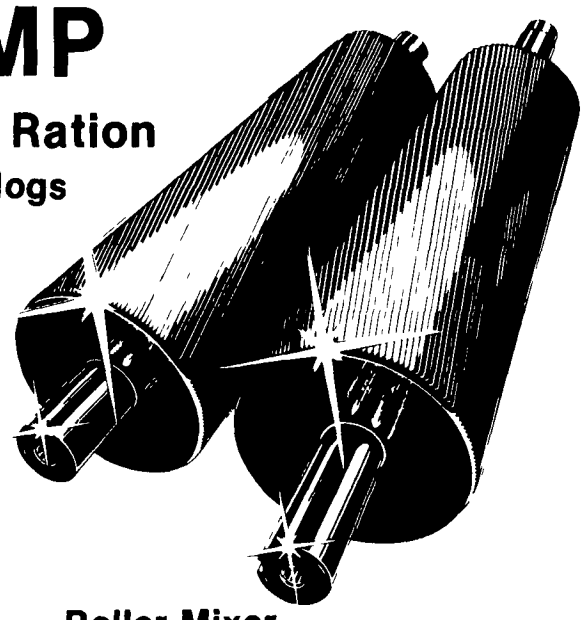
Every bookkeeping system needs an audit occasionally to make sure the accounts are balanced. In irrigation scheduling, soil tensiometers serve that function. They will indicate when the bookkeeping is getting ahead of or behind actual soil moisture content.

(Turn to Page E39)

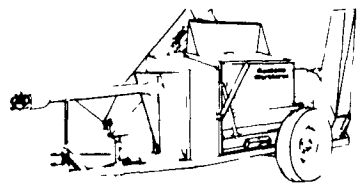
ROSKAMP

Total Processed Ration

Dairy • Beef • Hogs

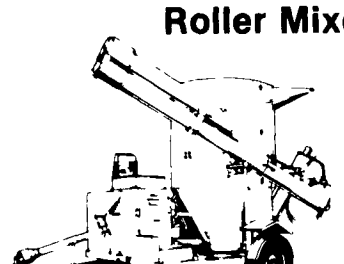


Portable Ear Corn Mill



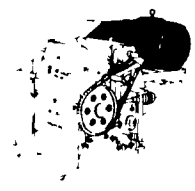
*Inventory Reduction Sale
- 0.2% more butterfat
- More profit
- More feed per acre

Roller Mixer



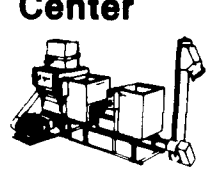
- Convert your grinder mixer to a roller mixer
- 0.2% more butterfat
- Better gains

Silage Mill



- Increased production
- Cuts cobs into edible pieces
- More feed per acre

Feed Processing Center



- Build your own ration
- Control feed costs

Phone or Send for Free Literature:

Roskamp Mfg., Inc.
2975 Airline Circle
Waterloo, Iowa 50703
319-232-8444

Name

R.R. or Box No.

City State

Zip Phone

Check here
Stationary Feed Processing Center
Portable Ear Corn Mill
Portable Grain Roller Mill
Silage Roller Mill
Have representative call or stop in

For More Information Contact Your Local Dealer

PENNSYLVANIA

Barrett Equipment Co.
Smicksburg, Pa
814-257-8881

Clapper Farm Equip., Inc.
Alexandria, Pa
814-669-4465

Fred Crivellaro
Easton, Pa
215-258-7584

Tom Dunlap
Jersey Shore, Pa
717-398-1391

Erb & Henry
New Berlinville, Pa.
215-367-2169

Fickes Silo Co.
Box 7
Newville, Pa. 17241
717-776-3129

Hines Equipment
Cresson, Pa.
814-886-4183

J & M Machinery Co., Inc.
Greensburg, Pa
412-668-2276

S.G. Lewis & Son, Inc.
West Grove, Pa
215-869-9440

R.T. Markle Farm Equip., Inc.
State College, Pa
814-237-3141

Marshall Machinery, Inc.
Honesdale, Pa
717-729-7117

MKS Enterprises, Inc.
Hanover, Pa
717-637-2214

Northeast Equipment Co.
Northeast, Pa
814-725-1888

North Penn Sealstor
Bloomsburg, Pa
717-387-1422

Atlee Rebert
Littlestown, Pa.
717-359-5863

Rovendale Supply
Watsontown, Pa.
717-538-5521

Sollenberger Silos Corp.
Chambersburg, Pa
717-264-9588

Stouffer Bros., Inc.
Chambersburg, Pa
717-263-8424

Swope & Bashore, Inc.
Myerstown, Pa
717-933-4138

Tam Agri Corp.
Dillsburg, Pa
717-432-9738

Terre Hill Silo Co., Inc.
Terre Hill, Pa
215-445-6736

Uniontown Farm Equipment
Uniontown, Pa
412-437-9851

MARYLAND

Arnett's Garage
RR 9 Box 125
Hagerstown, Md.
301-733-0515

NEW JERSEY

Brookhill Equipment & Supply Co.
Pittstown, NJ
201-735-4142

NEW YORK

Sharon Springs Garage, Inc.
Sharon Springs, NY
518-284-2346

WEST VIRGINIA

Ed Lipscomb's Equip.
Eglon, WV
304-735 5239

Visit Our Display at
Penn State's AG PROGRESS DAYS - AUG. 21-23

Roskamp

ATTENTION DAIRYMEN

STOP LOSING COWS
A LITTLE MONEY NOW
FOR GROOVING CAN
SAVE LOTS OF MONEY LATER

The TMI "EDGE" provides clean, straight grooves in feed alleys, freestalls, holding lots and corners for improved traction, heat detection and drainage and the reduction of broken bones and splitting.

Group rates available!

CALL OR WRITE:

TRACTION MASTERS, INC.

Merle Becker
224 S. Market St.
Ephrata, PA 17522
(717) 738-1359

Darl M. Packard
1514 Hollins St.
Baltimore, MD 21223
(301) 945-7313

Family life stressed at Ag Progress

LEWISBURG — Family life will get special treatment at this year's Ag Progress Days.

"In Pennsylvania we have a Family Strength Program," explains Penn State extension services home economist Natalie Snyder of Union County. "We focus on ways to strengthen the family unit, because family strength flows over into all aspects of farm life. We've found the more families do things together, the stronger they are."

With this in mind, home economists from the extension service's 10-county Susquehanna region have prepared hands-on exhibits to involve every member of the family.

"So often at events like this the children get left out," Snyder notes. "We've planned exhibits that will incorporate children, often working with their parents."

A 10-foot-tall giraffe will invite youngsters to record their height along with their identity at one booth. Kids will be able to take home a growth chart as well as handouts for them and for grownups. Parents will learn about special toys they can make at home—toys that get parents involved in their children's learning and play.

A parent/child hand-tracing stand will be part of the fun and will emphasize "that parents are the helping hands that make children into healthy adults," according to Snyder.

For adults the emphasis is on getting important and practical information at this year's family life exhibits. A telephone exhibit will illustrate the new service and equipment options available to consumers. "People will be able to see what they can do to lower their phone service costs," says Cindy Walls, extension service home economist in Lycoming County.

A banking exhibit will allow people to try their hand at using an automatic teller machine. "We want people to become comfortable with using the machines," Walls says. "We'll be showing their safety features and their advantages."

Other exhibits will look at sewing, how to lead a healthier life and the role of carbohydrates in good nutrition.

1983 Ag Progress Photo highlight

A couple of youngsters pause at 1983 Ag Progress to draw their family and enter artistic competition.

Corn irrigation

(Continued from Page E38)

To measure how much water is actually being applied to the soil, Williams advises growers to use a series of three tapered rain gauges per system. A few drops of light oil in the empty gauge will form a film over the water as the gauge fills and keep the water from evaporating before the level can be read.

"This would certainly be a good year to see a lot of 200-bushel-per-acre irrigated corn yields," concludes Williams. "Water at the right time is the key."

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
WILBUR CRONK
(717) 297-4246
Also See Ad On Pages B24 & 25

STAUFFER MACHINE
Air Compressors (½ - 125 HP)
SALES & SERVICE
- Curtis-Toledo
- DeVilbiss
- Atlas-Copco
- Speed Air
- Joy Rotary Screw
- Airline Equipment
- Hydraulic Systems

MANUFACTURERS OF THE STAUFFER AIR OPERATED WATER PUMP
Aftercoolers, Air Dryers, Filters, Regulators, Lubricators, Air Hoses, Quick Couplers, Air Cylinders
BALDOR ELECTRIC MOTORS
Machine And Welding Service
EMERGENCY ROAD SERVICE
Call
STAUFFER'S MACHINE SHOP
RD 3, Ephrata, Pa. Phone (717) 733-4128
¼ Mile South of Rt. 322 on
Pleasant Valley Rd., Ephrata Exit New Rt. 222

$ SAVE $AVE $AVE

• WORK SHOPS • GRAIN STORAGE BUILDINGS • MACHINE SHEDS • DAIRY BARNS

ALL STEEL BUILDING SYSTEMS

Special Discount Extended to Sept. 1

order before Sept. 1 and take delivery anytime in 1984.

o Beams—*No Posts No Birds*
00% Useable Space
asy Erection—*No igh Labor Costs*
00% Maintenance Free
- No Painting or Leaks
- Available in galvalume
- Straighter Sides for Larger Equipment
- 20 Year Guarantee
- Budget Plans Available

STARTS AS LOW AS $1.95 PER SQ. FT.
offer expires Sept. 1, 1984

OR ALL YOUR NEEDS
ALL NOW TOLL FREE!
1-800-848-5500
EXT. 5
IN NEW YORK STATE 1-800-447-5500 EXT. 5

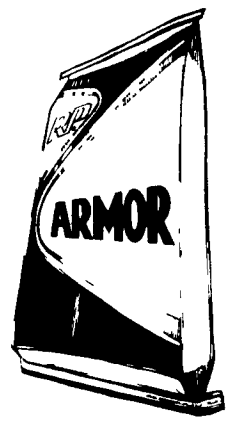
ROHRER'S
Offers You 4 Great Alfalfas from AGRIPRO

APOLLO II
The right alfalfa whenever Verticillium wilt threatens.

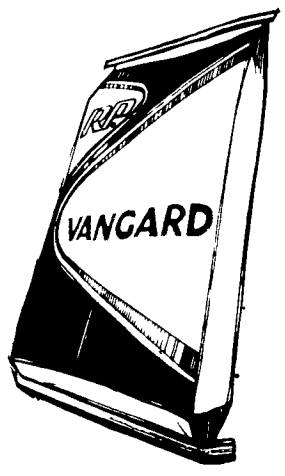
- The best Verticillium wilt resistance available in combination with bred in protection against other major diseases and insect pests
- Fights Phytophthora root rot (wet foot disease") anthracnose bacterial wilt Fusarium wilt pea aphids spotted alfalfa aphids and leafhoppers
- Rapid seedling establishment
- Good winterhardiness and drought tolerance
- Excellent yield potential
- Available with GroZone' seed coating

ARMOR
Fast growing, long lasting, big yielding alfalfa

- Now the best winterhardiness disease and insect resistance available in an improved early maturity alfalfa
- Outstanding proven yielder
- Fights Phytophthora root rot ("wet foot" disease) anthracnose bacterial and Fusarium wilt pea aphids and leafhoppers
- Winterhardiness fully equal to Vernal plus good drought tolerance
- Fast growth rapid recovery after cutting
- Full season performer starts early in the spring grows later into the fall
- Available with GroZone' seed coating



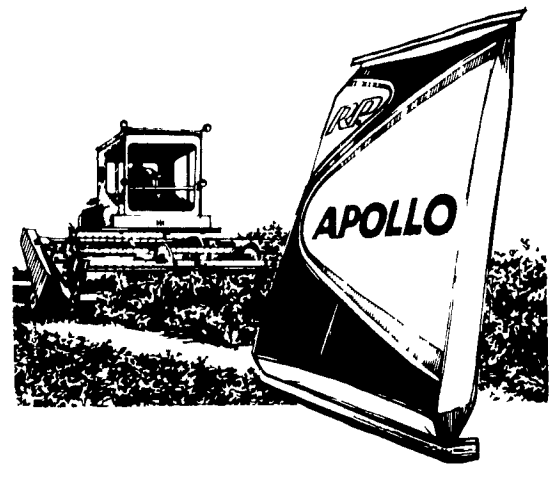
VANGARD
Ahead in yields and anthracnose resistance.

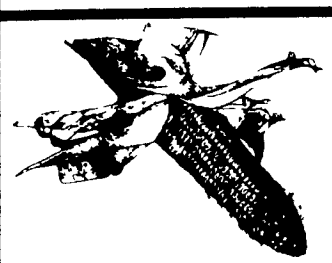


- Fights "summer decline' caused by anthracnose
- Proven yield leader
- Early Maturity fast regrowth
- Good bacterial wilt resistance
- Fine stemmed, leafy forage
- Available with GroZone™ Seed Coating

APOLLO
Your first choice to beat "wet foot" disease

- High Resistance to Phytophthora root rot & "wet foot disease"
- Very high yield potential
- Excellent winter hardiness
- Rapid recovery after cutting
- Greater resistance to anthracnose pea aphids and leafhoppers than most other alfalfas





AGRIPRO HYBRID CORN

Team up with AgriPro's yield leading hybrids.
Two outstanding varieties...

AGRIPRO BRAND

HP-470
Breakthrough yields. Fast dry down.

Outstanding yield potential and fast dry down That's AgriPro HP-470 This medium early hybrid gives you a better chance to roll in big yields early without paying high drying costs or getting docked on moisture

HP-470 demonstrates rapid emergence Excellent standability and very good stay green characteristics Very good tolerance to drought stress Plus excellent ear retention and excellent harvesting ability All big reasons why HP-470 can hold up under almost any growing condition to deliver those big corn yields you're counting on

HP-470 displays its consistent performance each year In 1983, for example, HP—470 beat the average yield of all hybrids entered in 163 of 211 test plots HP-470 showed an average advantage of 6 bu /acre over the plot average

HP-470 is perhaps the best performing hybrid in its maturity range No wonder it's winning more and more friends each year

AGRIPRO BRAND

HP-360
Early companion. Excellent overall performance.

This widely adapted, early maturing hybrid demonstrates outstanding performance throughout the Corn Belt HP-360 is a girthy eared, short statured hybrid that really fills the grain bin Excellent yield potential for its maturity range with very good tolerance to drought stress

HP-360 produces strong summer and fall roots for excellent standability Excellent ear retention on green stalks at maturity And very good grain quality

AgriPro BRAND SEEDS

AgriPro is the new name given to the complete line of NAPB seeds.

RP-Seeds is now AGRIPRO SEEDS.

MIGRO is now AGRIPRO HYBRID CORN

Agripro Dealers in Pennsylvania

BEDFORD
Fred Claycomb
Phone (814) 623 8375
BELLEVILLE
Union Mill Soil Service
Phone (717) 935-2770
BIG COVE TANNERY
Clyde Bivens
Phone (717) 485-4277
COLUMBIA CROSS ROADS
Longenecker Agronomy
Phone (717) 297 3864
DOYLESTOWN
Schmalz Brothers
Phone (215) 794 7259
GETTYSBURG
John J Hess
Phone (717) 334 8553
LANCASTER
Farmer's Supply Co
Phone (717) 394-7127
MAXATAWNY
Siegfried Bros
Phone (215) 682 7549
MERCERSBURG
Glenn I Martin
Phone (717) 328 2092
MEYERSDALE
Twin Springs Farm
Phone (814) 662 2262
MIDDLETOWN
John Alwine
Phone (717) 944-6270
MILLERSBURG
Steve Snyder
Phone (717) 362 8735
MILL HALL
Webb s Super Gro Products
Phone (717) 726-3167
MORGANTOWN
Morgantown Feed Co
Phone (215) 286-9029
NEWBURG
Boyd Morrow
Phone (717) 423 5502
NEWVILLE
Rodney Rice
Phone (717) 532 9501
NORTHAMPTON
Edward Werner
Phone (215) 262 6552
NORTH ROME
Frank Moser
Phone (717) 247 7671
OTTSVILLE
David Wolfinger
Phone (215) 847 2619
RICHFIELD
Samuel E Knouse
Phone (717) 463 2885
SHADE GAP
Shade Gap Mills
Phone (814) 259 3258
SHICKSHINNY
Larry Barron
Phone (717) 864 3336
SPRING GROVE
Carlton Seed Co
Phone (717) 225-3730
TAMAQUA
Richard Koch
Phone (717) 668 3849
TELFORD
Bob S Landis
Phone (215) 723 9512
TURBOTVILLE
John Hershey
Phone (717) 649 5596
WARRIORS MARK
Helena Chemical Co
Phone (814) 632 5177

Agripro Dealers in Maryland

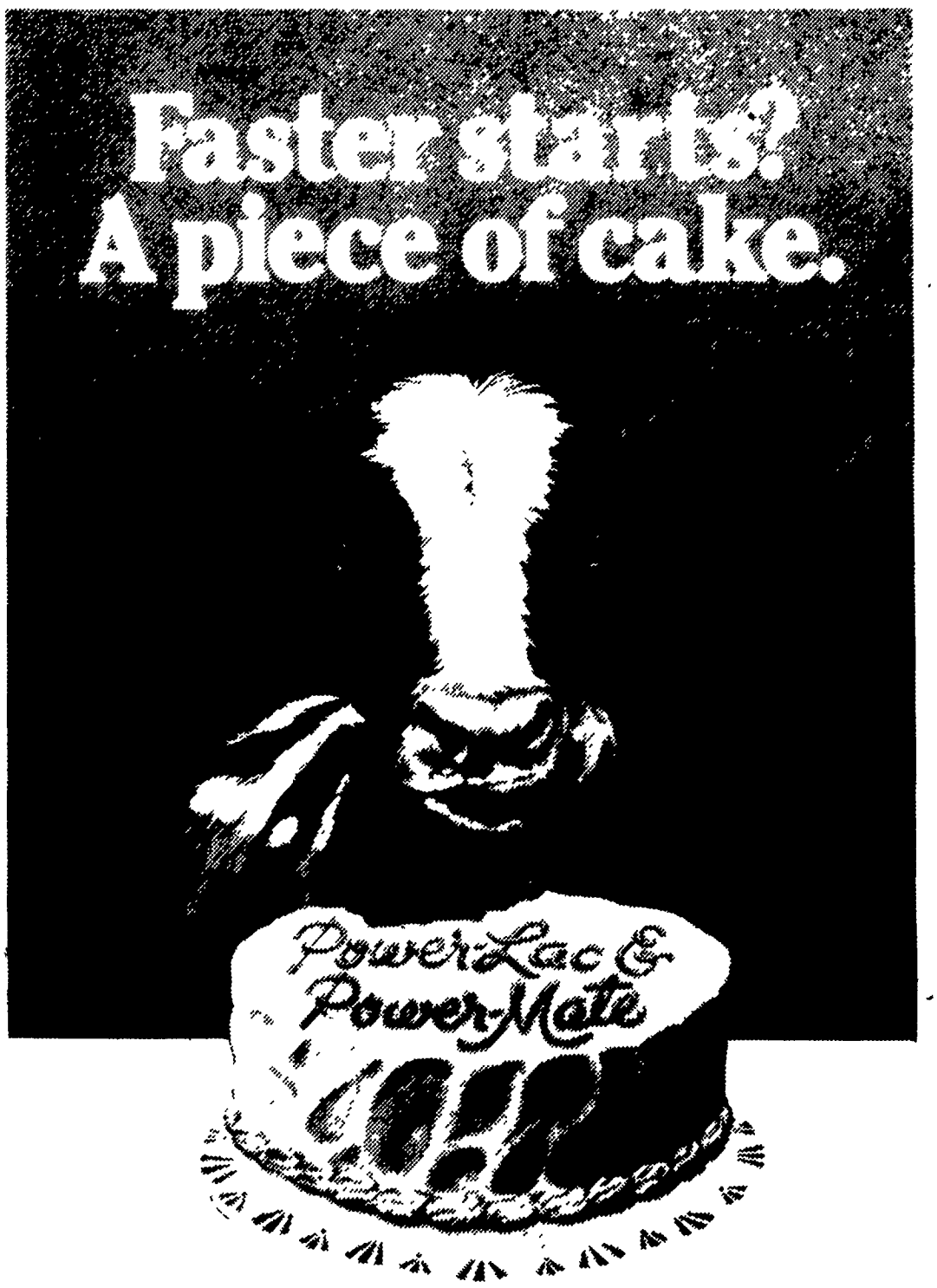
HAGERSTOWN
Nelson Miller
Phone (301) 824 2311
Martin s Elevator
Phone (301) 733 2553
CHURCHVILLE
Tharpe and Green
Phone (301) 734 7772
KEYMAR
North Glade Feed
Phone (301) 775-7981
THURMONT
Thurmont Cooperative Inc
Phone (301) 271 7322
WESTMINSTER
Raymond Brown III
Phone (301) 346 7209

P.L. ROHRER & BRO., INC.

Smoketown, PA
PH: 717-299-2571

GIVE THEM THE BEST YOU CAN...

Power-Lac™ Milk Replacer



Open a bag of Power-Lac™ Milk Replacer and you'll instantly notice the pleasing aroma. An aroma your calves will take to quickly. Starts them fast, and keeps them feeding. The high-energy and balanced protein formulation triggers and accelerates earliest rumen development.

Start calves on dry feed fast Power-Mate™. Offer Power-Mate free choice while feeding Power-Lac. You'll be surprised how fast calves take to this sweet, tasty starter feed.

See us today for the starter pair that gets your replacements into the milking string faster. Power-Lac and Power-Mate.

Master Mix® CENTRAL SOYA

More to gain™

STOP IN TODAY

FOR ALL THE DETAILS ON

MASTER MIX POWER-LAC™ MILK REPLACER

ABBOTTSTOWN GRAIN & FEED
Abbottstown, PA 17301
(717) 259-0609

MAUGANSVILLE ELEVATOR & LUMBER
Maugansville, MD 21767
(301) 739-4220

SPANGLER & SPRENKLE INC.
York, PA 17404
(717) 843-8889

SNIDER'S ELEVATOR
Williamson, PA 17270
(717) 369-3758

DELMARVA FARMS
Pocomoke City, MD 21851
(301) 957-3212

DELMARVA MILLS
Pocomoke City, MD 21851
(301) 957-3212

SERVICE FEED & SUPPLY CO.
Cardiff, Maryland 21024
(301) 452-8444
(717) 456-7433

HOLLINGER FARM & HOME SUPPLY
Lititz, PA 17543
(717) 626-2330

LEROY M. SENSENIG INC.
Ephrata, PA 17522
(717) 733-8668

ROSS H. ROHRER & SONS, INC.
Quarryville, PA 17566
(717) 786-3372

Reliving the horrors of Agnes and other floods

Farming with a mighty river at your door

BY JOYCE BUPP
Staff Correspondent

SOUTH WILLIAMSPORT — With Ned Young's story, Hollywood could make an epic film, complete with action and suspense, heroes and a villain.

The Ned Young family farms 285 acres of flat corn and hay bottom ground, just outside this small borough in Lycoming County. Ned and Molly, and the families of their sons Ned, Jr., and Jeff, milk a herd of 90 registered Holsteins, retailing their production through an on-farm jugged-milk store.

Young grew up here on the home place purchased by his dad, James "Abe" Young. Over the years, the look of the farm has changed, as a large free-stall and feeding complex, several silage and haylage storage units, young stock facilities and the retail store replaced and added to the appearance of the farm he remembers as a child.

Always the river

But one thing hasn't changed. Always, the river is right there, just a glance away.

Barely yards from the farm's road frontage, across a narrow two-lane country road and over a steep bank, flow the waters of the Susquehanna. A large island runs somewhat paralled to the farm, forming a quiet, narrow channel along the road and shielding the farm's view of the river's greater width and the city of Williamsport, directly across on the opposite shore.

Just upriver from the island, the Susquehanna curves in a gentle bend away from the sort of giant sand bar on which Youngsway Farm sits. A railroad bed, raised several yards above the farmland, forms a definite border along the back edge of the flat fields.

As Young grew up in the lap of the Susquehanna, he paid little attention to it, other than for the recreational angle offered by a four-and-a-half foot deep channel and island to a group of exuberant country youngsters.

It's a headache

"I used to see the river as a plaything," he reminisces. "Now, I just see it as a headache. I can understand why my mom and dad worried about it."

He was six years old when he first saw the river's villainous side. It's not something he's ever forgotten since that March of 1936.

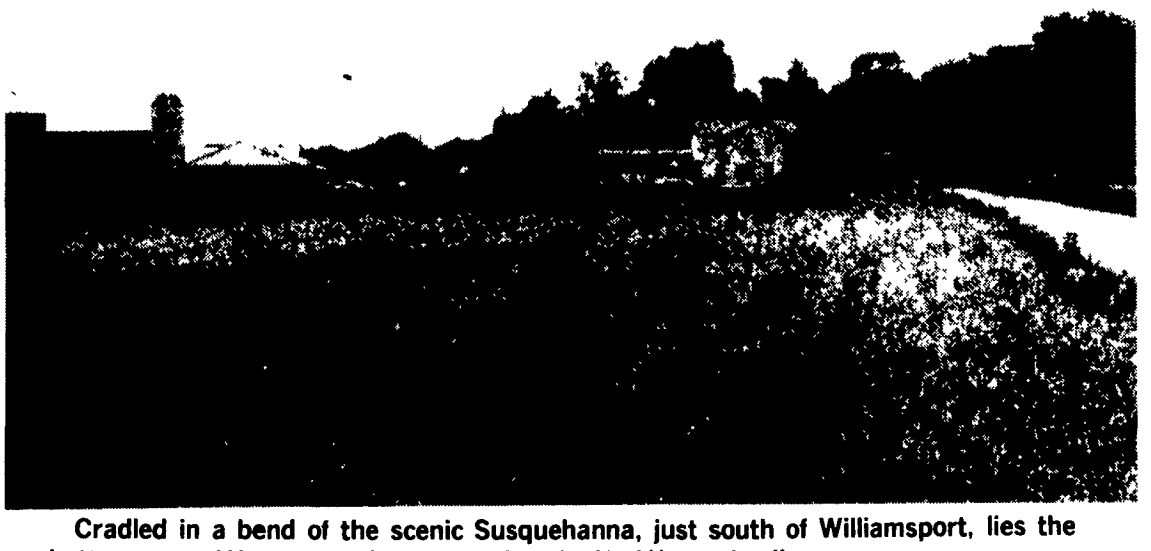
At that time, the James Young family lived in the house next to the dairy store, occupied today by Ned's son. Already aware of the river's rising, they received word that a cloudburst had dumped volumes more water upriver at Clearfield.

With just a little forewaring, they were able to move the 15 head of dairy cattle. A rescue boat took the family from their home surrounding the rising waters to safety at a neighbor's home just a few hundred yards up the road, where they remained for three days waiting out the flood.

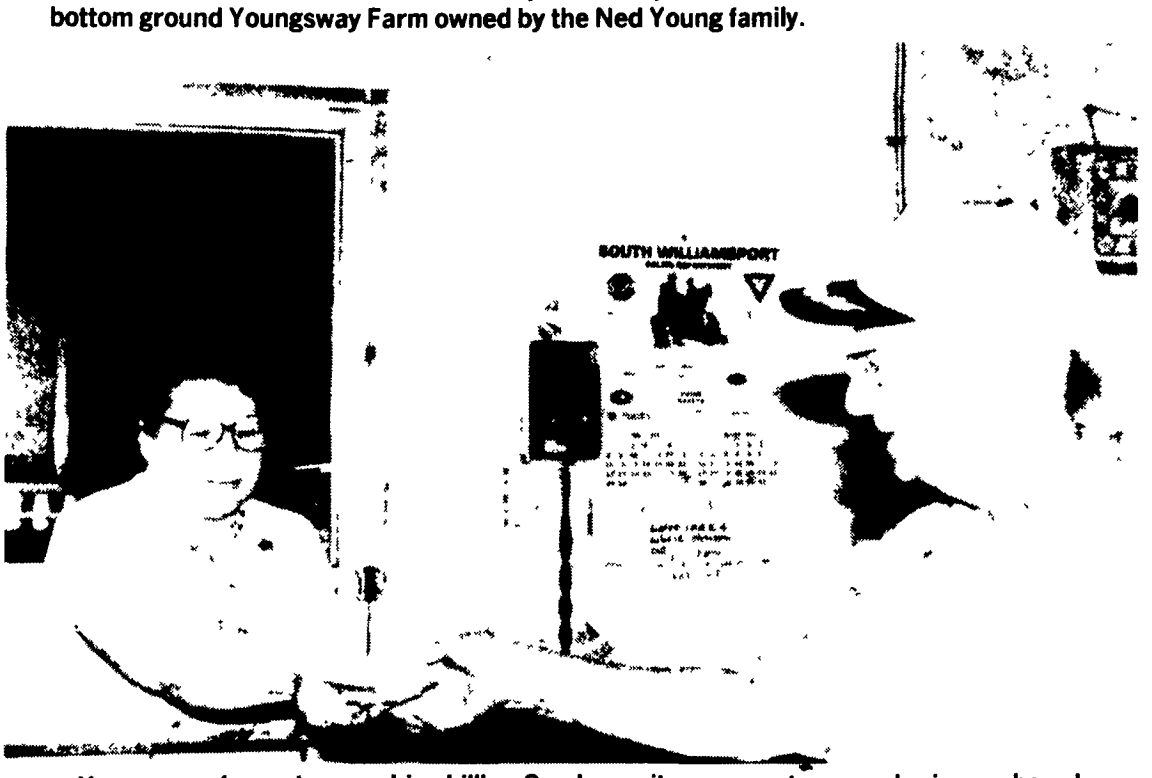
Large bull lost

Although the milk cows were unharmed, a large bull was lost to the waters. Two horses owned by the neighbor had tangled in harness and drowned. The Young's potato crop, in storage, was ruined.

Building damage, though, was minimal, mostly a cleanup problem of mud and debris. By planting time, the sandy soil had dried and spring crops went in to replenish feed supplies.



Cradled in a bend of the scenic Susquehanna, just south of Williamsport, lies the bottom ground Youngsway Farm owned by the Ned Young family.



Youngsway farm store cashier Lillian Snyder waits on a customer, who is numbered among many who have faithfully returned each time the store drys out and is reopened following flood.

Jeff Young points out the water line in the feed room, graphic reminder of the most recent flood at the farm of the Ned Young family.

Ten years later, again the river turned nasty, washing several feet of water over the Young's farm. This time, floodwaters came in May, and the 50 acres of potatoes just beginning to grow were washed away. With a few hours of warning, again the family had been able to move the cows to safety and then take refuge themselves with the neighbors.

Repeat plot

November, 1952, the river again went on a rampage. By then, the plot was a repeat of former floodings, with cattle saved, but the year's stored potato cash crop a total loss.

By the early 1960's, when Ned had joined his father in the dairy farm operation, the all-too-familiar warnings of rising water sent family members hurriedly to moving tasks they'd learned by reluctant necessity. As always, when the cattle were moved, herd production dropped, with relocation and feed changes.

Still, the Youngs returned to clean up the mess each time, grateful that buildings, herd, machinery and lives were spared, and only the layers of mud and muck remained.

Hurricane Agnes

In 1972, that all changed as Hurricane Agnes wrote a chapter of Young's history that they'd like to forget - but which is forever, indelibly, etched in their senses.

It was mid-June when the unrelenting rains of the violent storm moved up the Eastern Seaboard. Corn rows were just beginning to shade the Young's fields, and second cutting of hay lay in windrows waiting the baler.

Two years before, the dairy store had been added, for retailing of the production from the 75 head of milking animals.

Forecasters repeatedly predicted a crest level consistent with earlier floods, and the Youngs hoped that the losses would hold to the usual mess of old tires and soggy fields.

"We suddenly learned that the river was expected to keep rising much higher than had been anticipated," wryly recalls Young, reliving the painful experience.

Only one road, immediately on the bank of the river, leads into the farm. About a quarter-mile above the Young's buildings, it dips, closing off road access to the farm at a 16-foot river water level. At 22-feet the waters begin lapping around the dairy barn.

Second floor haven

As the muddy river overflow edged toward the barns, the road already cut off, only the service road along the raised railroad bed offered a way out. Tractors were quickly moved to higher ground at a neighbors. Heifers and calves went to havens up to six miles away.

(Turn to Page F4)

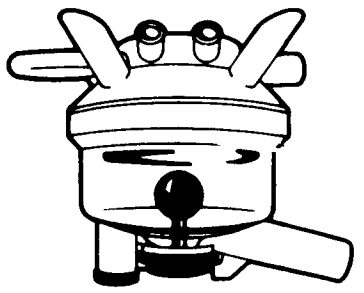
Placid waters of the Susquehanna, flowing behind a small island a stone's throw from the Young farm house, bely the fury and devestation wrought by the river at floodstage.

DE LAVAL

SEE US AT AG PROGRESS DAYS

Location is Route 419 at 11th Street

Super DE LAVAL Flo-Vu™ Claw



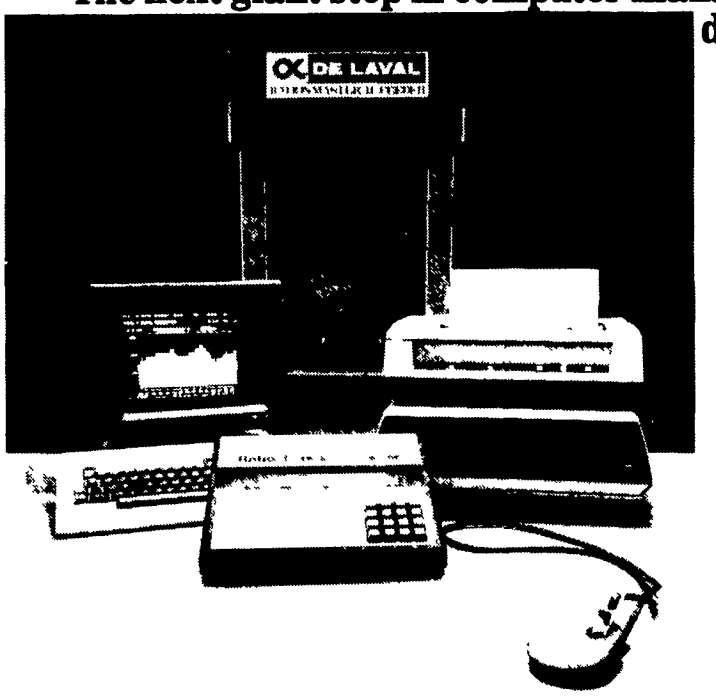
The DeLaval® Super Flo-Vu™ milking claw is the newest thing in milking. It features an extra large, extra tough plastic bowl that twists off for easy inspection and cleaning. And the Super Flo-Vu Claw can be used with all DeLaval and many competitive milkers. Check these other features:

- Improved automatic shut-off, air valve and thread design
- Larger valves, milk inlets and outlets, and air nipples to help speed milking
- Manual lock feature
- Heavy duty stainless steel construction

Check with us for full information on the Super Flo-Vu Claw and other fine DeLaval dairying equipment.

DE LAVAL® RATION MASTER™ II FEEDER

The next giant step in computer management of the dairy herd.



It's Second Generation ...and second to none.

Added Capability Throughout The System.

NEW FEEDING STATION FEATURES:

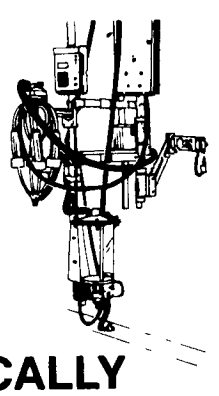
- A Processor That Is Smarter Than Ever.
- Rolling Memory
- More Knowledge About Feed Consumption
- Important Breeding Information At Your Fingertips.
- A Better Way To Monitor Herd Health.
- Printed Reports Upon Command
- A Simplified Transponder

NEW

FLO-MASTER™ MILK METER

DE LAVAL

DHIA APPROVED



Tells You Every Cow's Production... Every Time... ELECTRONICALLY

The Flo-Master Meter is far more than just a milk meter that reads out weights on an LED display It s the first step toward total automation of milk yield recording feeding and herd management Now you can know how every cow is doing immediately and can grow by affordable stages toward a totally computerized system without expensive obsolescence

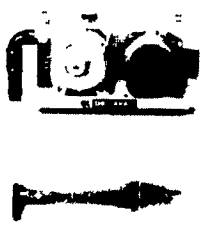
Let us show you how the De Laval® Flo-Master Meter can help you cut feed costs and boost milk yields.

NEW

VACUUM SUPPLIERS

DE LAVAL

New De Laval® Model 777



The Vacuum Pump For the Growing Herd

Here s the easy economical way to step-up vacuum supply as you add milkers and boost milker performance while increasing efficiency of your electricity dollar Quiet v-belt drive with guard plumbed to tank for easy installation 5 HP 56 CFM Plus De Laval dependability

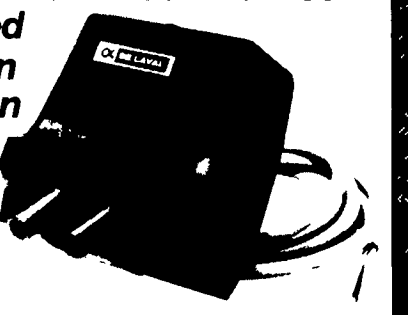
Call For a Free Survey of Your Vacuum Supply Needs

NEW

DELATRON I PULSATOR

DE LAVAL

De Laval introduces the most advanced pulsation system in dairying



The De Laval® Delatron I Pulsator can help you do a better milking job while protecting the health of your valuable cows

The Delatron I Pulsator features:

- Choice of alternating or simultaneous
- Choice of ratios (70 30 with 60 PPM 60 40 with 60 PPM or 50 50 with 50 PPM)
- Pre-wired for easy low-cost installation
- Master controller can control up to 20 pulsators

Call for details and a demonstration

Setting the Pace for Performance

COMPARE DE LAVAL® New Century™

Series of Bulk Coolers For Performance, Quality, Value

All DeLaval Coolers Feature:

- 5 year warranty
- All stainless steel construction
- Oval enclosed for structured strength and high performance
- Foam-in-place insulation to keep down operating cost and maintain milk quality
- Dependable efficient automatic washing
- Wall mounted stainless steel control panel

* Most popular sizes available.

600 to 5,000 Gallon Capacity. The efficient cooling Bulk Tank Backed by a Century of Service to America's dairy-man.

Call For A Free Estimate

SEE YOUR LOCAL DE LAVAL DEALER

PENNSYLVANIA

BURCHFIELDS, INC.
Railroad St., Martinsburg, PA
814-793-2194

ERB & HENRY EQUIP., INC.
New Berlinville, PA
215-367-2169

FRANKLIN D. HESS FARM EQUIP.
RD 2
Orangeville, PA
717-925-6939

GRAHAM'S DAIRY SUPPLY
RD 3, Box 382
Greensburg, PA
412-834-3162

I.G. AG SALES
Silverdale, PA
215-257-5136

PEOPLES SALES & SERVICE
Oakland Mills, PA
717-463-2735

R. E. SMELTZER EQUIPMENT CO.
R.D. 1 Box 253,
Centre Hall, PA
814-364-1419

WITMER IMPLEMENT SERVICE
RD 3
Shippensburg, PA
717-532-6139

J. B. ZIMMERMAN & SONS
West of Blue Ball, PA on Route 23
717-354-4955
815 E. Main St.
Annville, PA
717-867-5143

DELAWARE

BENNETT MACHINE CO.
1601 South Dupont Blvd.
Millford, Del.
302-422-4837

MARYLAND

CECIL DAIRY SERVICE
RD 1 - Rt. 274
½ Mi. South Rising Sun, MD
301-658-6923

LEHMAN DAIRY SERVICE
RD 3, Box 150,
Downsville Pk.
Hagerstown, MD
301-582-1735

NEW JERSEY

G. HIRAM BUCHMAN, INC.
Rte. 519 N. off Rte. 46
P.O. Box 185
Belvidere, NJ
201-475-2185

VAN AKEN DAIRY SUPPLIES
RD 2, Box 177, Heddying Rd.
Columbus, NJ
609-298-3344

Farming with river at door

High water marks painted on the farm store pay silent testimony to the Susquehanna River's continuing inundation of Youngway's rick bottom ground, barns and farm homes.

(Continued from Page F2)

Under torrests of rain pouring from leaden skies, the Youngs moved the milking animals to the second floor of a barn next to Ned and Molly's house, the same place that had offered refuge to the family so many times before.

"We never had water in that second floor of the barn up there," Young relates. There, we were sure they'd be safe."

That was Wednesday. Waters continued to rise, rapidly filling the barns, the dairy store, the first floor of the house. Youngs watched from their refuge on the home's second floor.

Still it continued, the river rising by feet as the rain fell by inches.

Escape by boat

Through the dangerous rushing waters on Thursday came local fireman, who loaded the family into boats and took them to safety with Ned's brother's family.

When the river finally crested late that week, it had hit the 36-feet level.

By early Saturday, the waters had dropped enough to allow the men some measure of safety in returning to the battered farmstead, a scene of almost unbelievable destruction and chaos.

Immediate attention went to the milking herd, which had stood in up to 34 inches of water during those long, terrifying days and nights.

Working their way through the shambles, the Youngs found some cows struggling in hay holes, where pressure of the rising waters had pushed up safety doors. With sheer force of back labor and adrenalin, they hauled the disabled animals back up out of the square traps. Some were saved. For others, it was too late. Several had to be destroyed because of extensive injuries, and about a dozen total fell victims to the flood's fury.

Hand milking

Although many cows had already naturally begun drying up production after three days of no feed and no milkouts, hand milking took hours. Miraculously, the electricity was operational; and later that same day a portable milker was located, easing the tedius job of working in the muddy, sloppy, crowded conditions at least a bit.

Every tractor in spite of having been moved to higher ground, had been under water. Every motor at the barn, feed room, processing plant was soaked and coated with slimy ooze. The shop tools, moved to supposed-safety on the barn's upper floor, lay wet, mud covered and inoperable.

"Everything was just soaked, ruined. The store looked like it had been bulldozed," Young continues.

First major cleanup focus was in the milking parlor, where vacuum pumps and compressors required tearing down, dryout and some replacement of parts. It was a full week after the cattle had been evacuated before milking resumed with anything that even faintly resembled "normal" working conditions.

Hay floats away

Corn silos were empty, and although the Harvestores had only small amounts of first-cutting in them, the water did not destroy that feed. However, the feed room, with its motors and button operating panels had taken many feet of water, and took days before it could be dried out, repaired and put back into usuable shape.

Second cutting of hay, laying in windrows, had simply floated away downstream.

July 4 came and went before the fields became dry enough to venture on with the lightest equipment. Then, before a tractor could make a single pass through a field, every foot had to be policed for litter.

Bottles, cans, tires, garbage debris of every kind imaginable, even a tanker truck from a parking lot upstream, remained in the muddied, sticky, smelly mess.

A full three-weeks-worth of work was necessary to clean up, dry out, replace parts and disinfect the store before the doors could be reopened to loyal, local customers.

Although the physical devastation could be repaired over the ensuing weeks, the cash-flow nightmare was just beginning.

There simply were no feed supplies. Corn, replanted, never matured. Hay, both for dry feed and for reconstituting into haylage, was hauled in by the trailer loads.

"And this was before anyone had ever heard much about flood insurance," adds Young.

Herd average drops

Herd average dropped about four thousand pounds, from 15,000 to about 11,000. Many additional cows from the herd had to be disposed of later, as they developed serious udder or other physical problems.

While government disaster low-interest loans did eventually become available, the financial tangle was still not totally unraveled when the heavens opened again.

"That was September of 1975, and we still hadn't recovered from the Agnes flood. But - this time we weren't getting caught again," vehemently relates Young. "Those memories were just still too vivid. We moved everything - including ourselves."

Cattle all went to empty barns, the milkers several miles away. When the river crested at 29 feet, it left the standing corn crop leaning downstream, but relatively un-

(Turn to Page F5)

WIN
A YEARS SUPPLY OF
OLD PHILADELPHIA ICE CREAM
Stop by our booth in Commercial Tent
No. 1 During AG Progress Days
A Drawing will be held Thursday
afternoon. You don't have to be
present to win 26 Gals. of Ice Cream
Lehigh Valley Farmers

GVM INCORPORATED
P.O. Box 358
East York St.
Biglerville, PA. 17307
717-677-6197
Equipment With Reliability
And Durability Built Right In.
SPRAYERS
PUMPS
Sprayer Monitoring Equipment
POLYTANKS
SPRAYER PARTS & ACCESSORIES
Find GVM Special prices in our booth at Ag Progress Days.

KEYSTONE GUN-KRETE
GUN KRETE
CONCRETE PUMPING SERVICE
Featuring
• Sidewinder 45 Concrete Pump • Up To 40 Cubic Yards Per Hour
• Pump Up To 150 Ft. Vertical And 800 Ft. Horizontal
CONCRETE SPRAYING SERVICE
A Proven Way Of Applying Concrete
• Repair Retaining Walls
• Strengthen Existing Masonry Walls
• Reseal Manure Pits
• Manure Pit Construction
• Trench Silo Construction
• Silo Repair
KEYSTONE GUN-KRETE
61 Poplar Street Gordonville, PA 17529
(717) 768-3641

Farming with river at door

(Continued from Page F4)

scathed. No structural damage resulted to building, just another layer of the gummy mud. Herd Production did drop, simply because of the relocation again.

A localized flood in '79 again backed water in behind the island, which Young estimates has lengthened by about a third of a mile since his childhood. Silting from the river piles up on the island's end, creating this slow growth that may add to the water directed across the farmland.

That high water crested at 25 feet, partially inundating the feed room, but creating no major damage to property.

Rains and ice

This past February brought another recurrence of the watery nightmare, with heavy rains and wintry ice mixing to a treacherous combination.

At 2 a.m., heeding warnings of the rapidly rising river, Youngs herded cattle through the parlor for a hasty milking, then onto trucks for the short ride to the upper floor of the "safety" barn.

Fighting back against this almost insurmountable enemy, Youngs had recently refloored the entire second floor of the barn, insurance against whenever the cattle had to make the move.

Young pulled the milker off the last cow through the parlor as water was lapping knee high around them in the barn. They stayed, high and dry this time, for two days before the waters receeded enough to allow return of the herd.

In a routine honed by weary repetition, once again they mucked out stalls, rebedded with sawdust from a friend's stockpile, and hauled feed in to the bunks, until the feed room motors were aired and repaired from the seven feet or so of backup that flooded through.

Calves die

Calves were held on trailers sent by friends and neighbors, until pens could be cleaned and rebedded. But the winter lingered cold and extremely damp for many weeks, and several calves contracted ailments that refused to respond to antibiotics. State lab specialists finally isolated the stubborn viral cause, but not until over a dozen young purebred replacements had died.

Understandably, long periods of rain cause considerable uneasiness around the Youngs' households.

"They talk a lot about stress and tension on the farm", Ned Young observes. "Living with this increasingly frequent flooding just adds that much more."

While thoughts of moving out surface periodically, the brutal economic fact is that flood-plain farms are not often visited by real estate agents bearing attractive sales contracts.

"We're sort of married to it," sighs the owner. "If we didn't have dairy cattle, it wouldn't be quite as much a problem."

No one has come up with any concrete suggestions on what might be done to lessen flooding conditions. Dredging the river could help, figures Young, but the scope of the job would be formidable. Elongation of that island, combined with the river's bend just upstream, seems to shoot increasing volumes of water and current over the bottom ground and buildings.

Dikes constructed to protect South Williamsport stop a mile above the farm, and the railroad bed that rims the back of the fields effectively holds in waters as they spill over the river's banks.

Upriver for miles, housing developments, shopping mall parking lots, industrial parks, interstates all cover soil that once helped soak up "hundred year storms," creating more runoff than in decades past.

Problem lingers on

And, the problems back on the farm linger, long after the sun shines and the mud crusts over.

Crops, especially alfalfa, are difficult to reestablish for a few years following inundation. While the seeds germinate and show growth, when the stand reaches a height of four to five inches, seedlings wilt and die. Other farmers who've been flooded tell Young of similar experiences, but even the specialists haven't come up with any definite reasons.

While he speculates that it might have something to do with possible oils and chemicals in the oozing mud left behind by the high waters, not even soil samples have furnished a concrete clue.

Generally, fields must even by subsoiled before planting any crop, since the ground packs so hard following flooding conditions.

Still, with the optimism inherent in farmers, Ned Young faces these "twenty year floods," - since that's only how often they're expected to happen - with a smile, expressing thanks that they've never suffered any loss of life or even a major injury.

In this midst of the financial frustration and property devastation, the mountains of mud and mess that have been moved off this land, the Ned Young's still count their blessings — and plot more ways to meet Mother Nature on her own ground.

Whelan gets MAMMA post

TOWSON, Md. — James T. Whelan, of Baltimore, has resumed the responsibilities of merchandising director for the Advertising and Promotion Agency of the Middle Atlantic Milk Marketing Area (MAMMA).

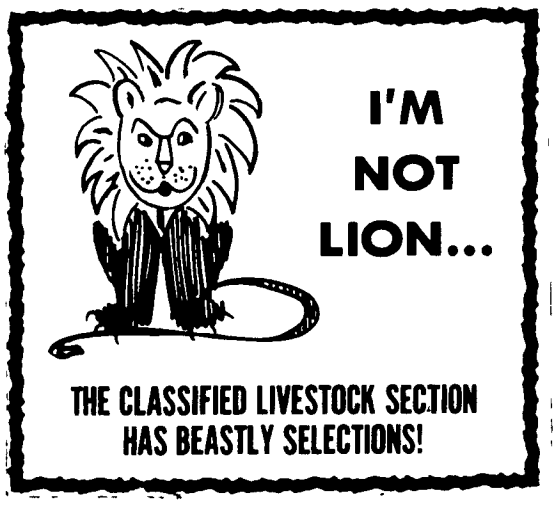
Whelan previously served as merchandising director for MAMMA from June 1981 to January 1983. Prior to returning to his position at MAMMA, he was assistant service manager and salesman for Bud Schmidt Buick. He also worked as sales manager for Cornco/Mid Atlantic Concession Supply Co., Inc., where he built a wholesale and distributor network for popcorn packaged goods.

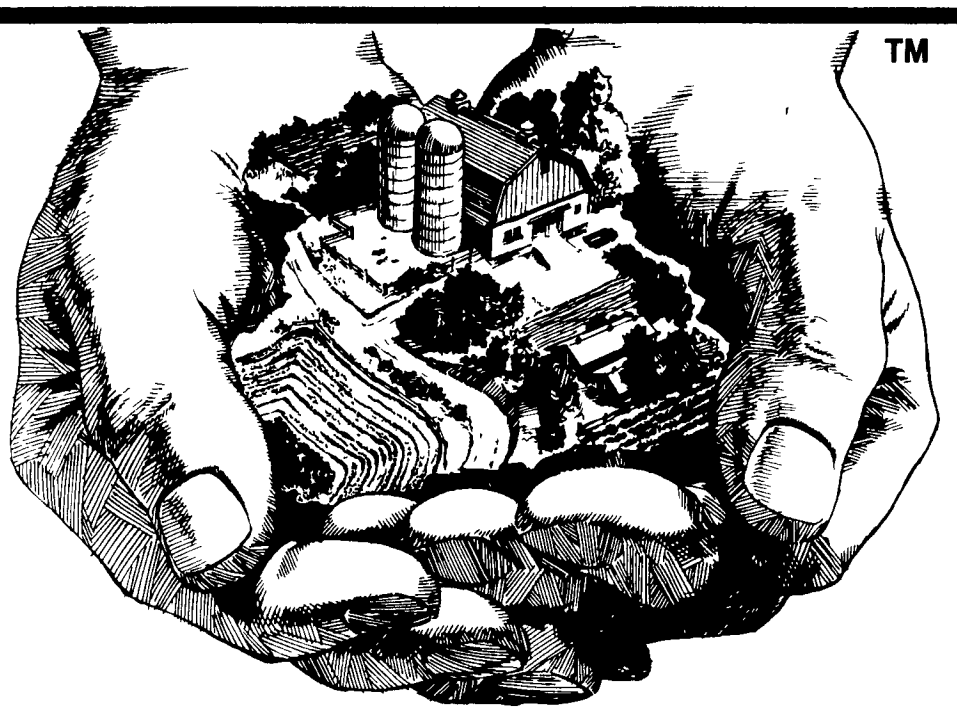
A Mass Communications graduate of Towson State University, Wheland worked for seven years as a disc jockey for radio station WPOC in Baltimore.

MAMMA is the agency responsible for non-brand advertising of milk and dairy products in the Mid Atlantic marketing area.

James Whelan

In his new position he will be responsible for in-store and food service dairy promotions and will be involved in dairy department training seminars and special events promotions.





TM

Fertrell®

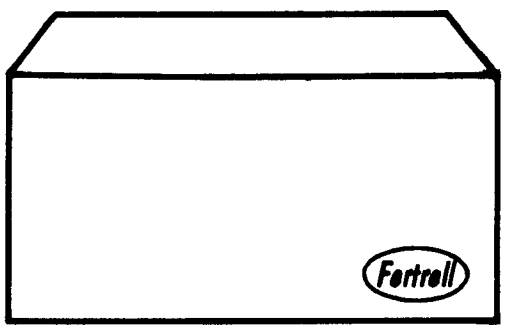
Visit Our Display During

AG PROGRESS DAYS

August 21 - 23

And Receive A

FREE Fertrell Portfolio



Just fill out the coupon below & present it at our booth.

Fertrell Programs
Mean Higher Profits
Thru Biological Balance
In Soils And Animals

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE _____

I Raise The Following:
DAIRY ☐ BEEF ☐ SWINE ☐ POULTRY ☐

I Raise My Own Feed ☐ Buy All Feeds ☐

I Would Like Further Information ☐ Salesman To Stop ☐

Fertrell

BOX 265
BAINBRIDGE, PA 17502
TELEPHONE: (717) 367-1566

McDADE

SEE OUR BOOTH AT THE AG-PROGRESS SHOW FEATURING...

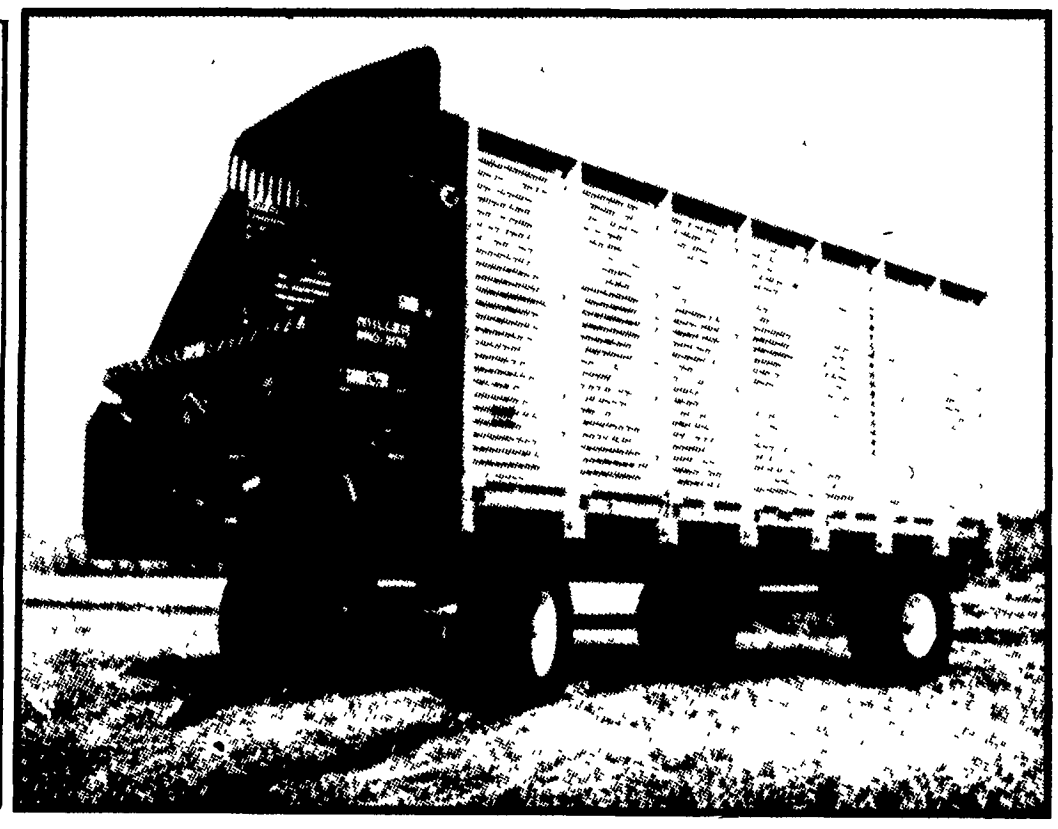
OUR NEW PRODUCT LINE

MILLER PRO FORAGE BOXES

MILLER'S Unique TORQUE TEAM DRIVE SYSTEM allows augers to be engaged slowly to clear away material around the augers - insuring a smooth unloading every time.

The heavy-duty steel sides, roof & pressure-treated wood are backed by a lifetime warranty to the original owner. A great buy!!

Designed for Durability



Kuhn has engineered Mower Conditioners that cut hay up or down, wet or dry, even in toughest conditions They operate fast, resist clogging and condition hay thoroughly to speed drying time up to 50% There's less chance of "rained-on hay," and the palatability is improved with a Kuhn Mower Conditioner

Highly efficient oval disc cutting system severs crop at base and feeds it through free swinging fingers and reversible conditioning comb As grass goes through conditioning comb, natural wax is stripped Conditioner is adjustable to 20 positions to suit crop and weather Adjustable swathboards provide light fluffy swaths to ensure fast drying times Cutterbar is height-adjustable to suit terrain and incorporates blade protection features Built tough to last!

Call or write for more information.

KUHN

See the KUHN mower-conditioner in action at this year's show!

Saves time

Increases productivity

Improves quality

DON'T MISS IT!

Located On West 6th Street

C. A. McDADE CO., INC. • RTE 22, DELMONT, PA • PH. (412) 468-8888

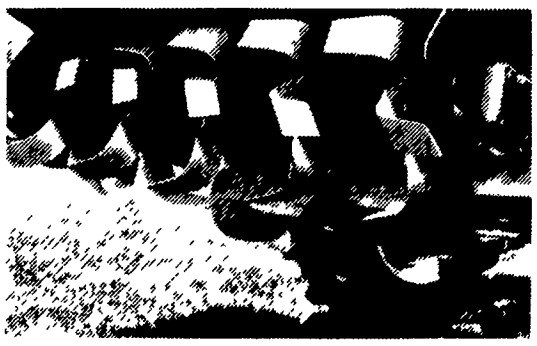
McDADE

Till Better With Kuhn EL35 Power Tiller

KUHN

You'll cultivate deep and close with superior control Mount on any 12 h.p. to 35 h.p. tractor. Kuhn's rugged and powerful tiller unit makes your Category 0 or Category 1 tractor a fast, efficient tilling machine

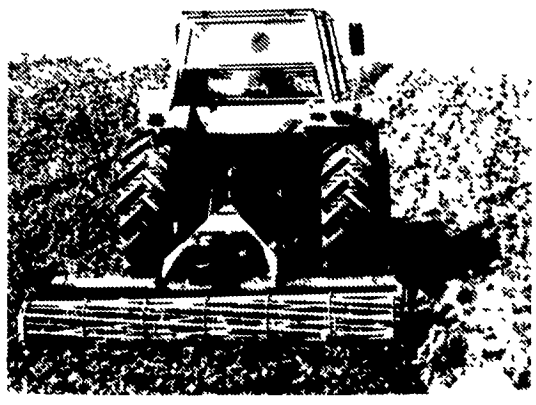
KUHN: Built Tough To Last



Kuhn s six-tined blades of heavy-duty steel increase tillage efficiency at any speed Front-mounted depth control wheels improve control prevent soil pan and improve close-in maneuverability Blades face outward on outside flange You get full width tilling Choose 30' to 80' width models

Kuhn all-gear drive runs in a permanent oil bath (No chains to chatter, break, or adjust) Engineered for long life and minimum maintenance

One-Trip Seedbed Preparation: Kuhn HR Power Harrow



Work soil to 10" depth from 8' to 14'9" wide with Kuhn's heavy-duty power harrow Designed for continuous use under rugged conditions Don t compare this worldwide-proven professional harrow with typical light-duty machines Instant rotor speed control and taper roller bearings for load silicon drop-forged tines and large diameter crumbler rollers

GENTLE, YET QUICK !

KUHN GA 402 GYRORAKE

Rakes clean Handles gently to minimize leaf loss Rakes without roping Deposits in light air-entraining windrows for fast curing, earlier baling 3 pt mount with trailing action 13 ft width for single swath 23 ft for double swath. Perfect windrows even on tight corners The greatest advance in hay rakes in years

Stop in and see it today at

C.A. McDADE CO.

KUHN Gyrorakes are lower priced than bar-type rakes.

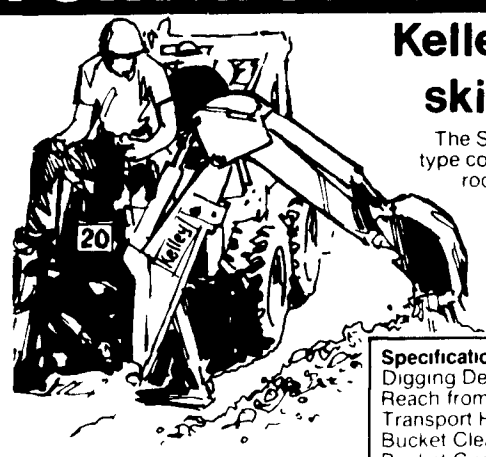
DON'T MISS US AT THE AG PROGRESS DAYS SHOW

C.A. McDade Co. • Rte. 22 · Delmont, PA • Phone (412) 468-8888

McDADE

NEW PRODUCTS FEATURED AT THE SHOW:

POWERFUL PERFORMANCE!



Kelley Backhoes for skid·steer loaders

The Series 20 Backhoe utilizes a welded box type construction has chrome-plated cylinder rods cushion swing controls zerk fittings at all pin locations two-level digging controls adjustable hinged seat and operates from the skid steer loader open center hydraulic system This backhoe requires a minimum of 4 GPM at 1400 PSI

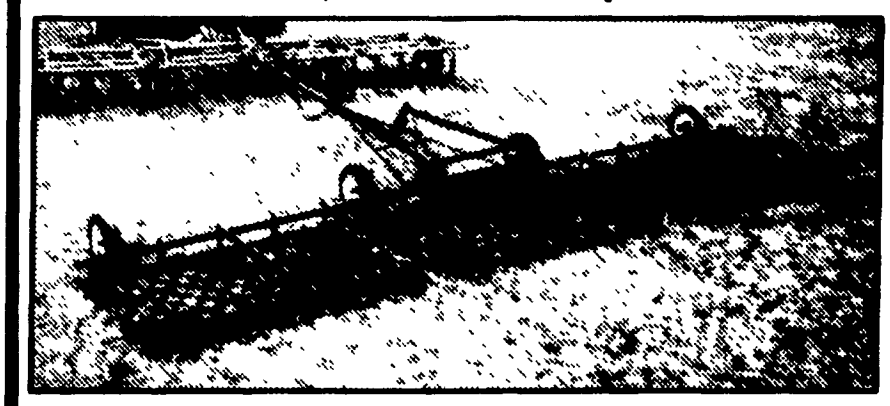
Specifications	Model 20	Model 30
Digging Depth	6	8
Reach from Swing Pivot	8 10	11 1
Transport Height	5 5	6 9
Bucket Clearance	5 0	7 0
Bucket Curl	135	131
Swing	180	180
Stabilizer Spread Slantdown		
Operating	4 6	5 5
Transport	3 10	4 4
Buckets	9 12 & 18	12 18 & 24

Kelley

The Series 30 Backhoe has the same great features as the Series 20 with the addition of replaceable bushings at main pivots six-spool valve with individual circuit reliefs and hydraulic gauge This backhoe requires a minimum of 4 GPM at 1900 PSI and operated from the skid steer loader open or closed center hydraulic system

NEW!

Fuerst Flexible·Tine Harrow-Cart



Proven superior herbicide incorporation and seedbed preparation in a single pass

-- and it won't plug up with trash!

Better coverage at higher speeds- saves time

KELLEY LOG SPLITTERS ARE AVAILABLE IN 3 POINT MODELS FOR TRACTORS AND GAS·ENGINE MODELS

Built for maximum performance and durability

Visit our booth during Ag·Progress Days!

Kelley LOGSPLITTERS

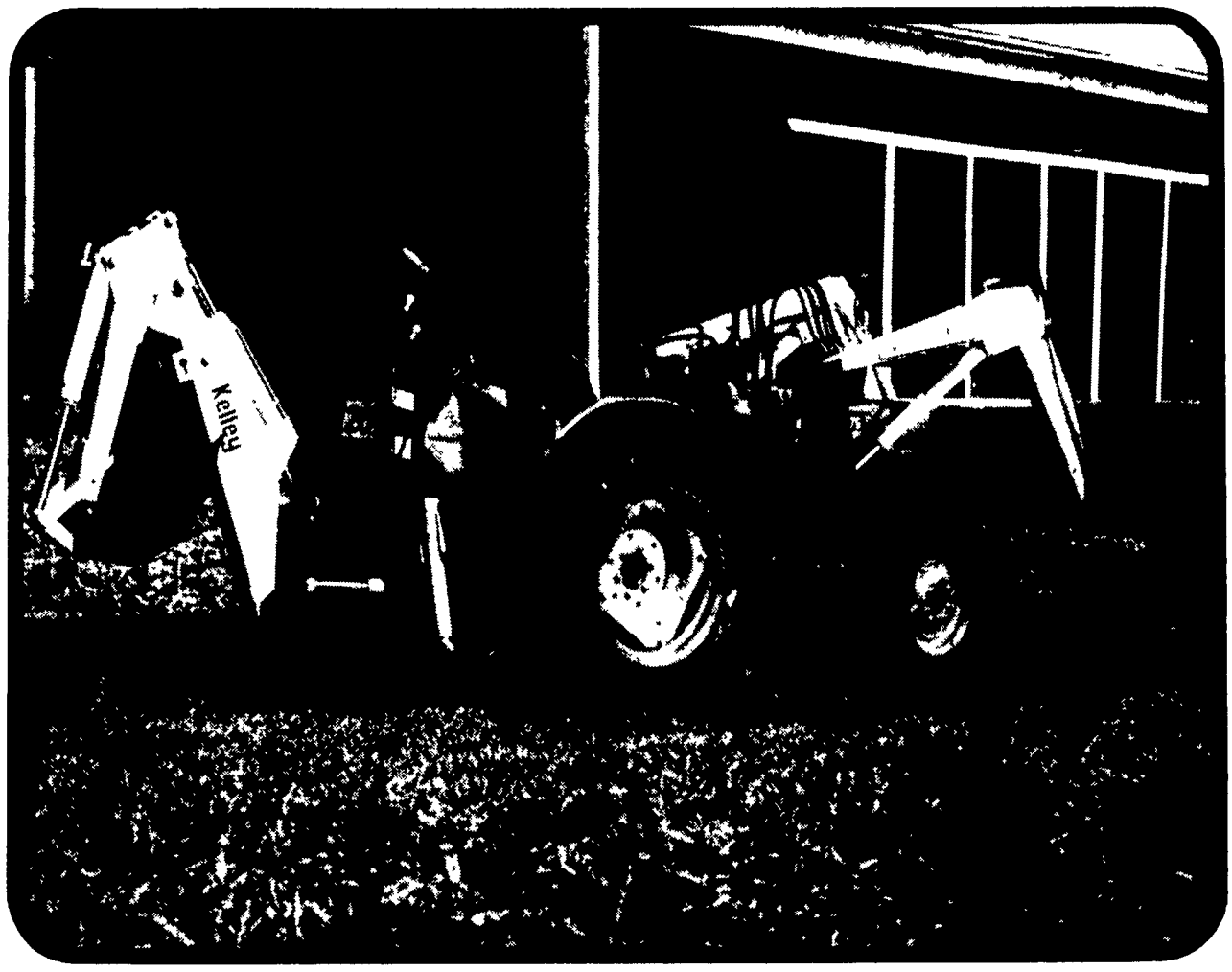
TOUGH·RUGGED·DEPENDABLE

Kelley
FARM EQUIPMENT

C.A. McDade Co.• Rte. 22 Delmont, PA• Phone (412) 468·8888

McDADE

KELLEY BACKHOES AND LOADERS



ASK ABOUT THIS SPECIAL OFFER:

NO PAYMENT FOR 120 DAYS
NO INTEREST FOR 90 DAYS

KELLEY LOADERS

- HEAVY DUTY FRONT & REAR AXLE MOUNTING
- FRONT BUMPER PROTECTS TRACTOR HOOD
- ALL WELDED FRAME
- QUICK-TACH AVAILABLE ON CERTAIN MODELS

KELLEY BACKHOES

- THREE POINT RIGID MOUNTING
- PATENTED HYDRAULIC SWING CUSHION
- TWO LEVER CONTROL
- MORE POWER THAN ANY BACKHOE IN ITS CLASS

See you at the Ag Progress Days show!

C.A. McDade Co. • Rte. 22 Delmont, PA • Phone (412) 468-8888

Myers heads Conservation Society Chapter

ELIZABETHTOWN — The Keystone Chapter of the Soil Conservation Society of America (SCSA) recently held its 1984 Annual Meeting at Elizabethtown College.

Selected as President and President-Elect include Joel Myers of Dauphin as President and Richard Pennay of R.D. Liverpool as President-Elect. Currently serving as Secretary-Treasurer is William Farley of Lewistown.

Myers assumed the role of President from E. Lester Rothermel, of Klingerstown. He has been active in the society for the past four years serving as Awards Committee Chairman and Annual Program Chairman during the past year. An employee of the Soil Conservation Service, presently serving Dauphin County, Myers is also an active member and Secretary of the Dauphin County Federation of Sportsmens Clubs.

Myers explained that he has several goals as the newly elected President. These include improving communication within the state wide chapter, increasing the activity and involvement of its members and developing programs and holding technical sessions that will be of benefit to all resource related organization agencies and individuals.

Richard Pennay, President-Elect has served as Chairman of the Student Relations Committee and has been active in other society programs and activities. Pennay currently is employed as the Agricultural Program Specialist for PA with the USDA Agricultural Stabilization and Conservation Service (ASCS). He has served with ASCS in numerous capacities since 1957. He is a member of the PA Farm City Council and the Liverpool Lions Club.

The primary goal of the Keystone Chapter of the SCSA is to promote the wise use and conservation of our states' natural resources. The organization is open to anyone with these interests. The benefits of membership include the Technical Publication "Journal of Soil and Water Conservation" which helps to keep the membership up to date in the area of current research in the field of soil and water resources.

By participating in various activities, members from different agencies and resource areas have an opportunity to exchange ideas and concepts which is of benefit to everyone involved. Farmers, Soil Conservationists, Soil Scientists, Researchers, and Students all can discuss their ideas and concepts relating to current issues.

According to Myers, the recently completed 1984 Annual Meeting was successful. The 2-day event included Tours of TMI, Ridge Till Corn Planting, the Lancaster County Rural Clean Water Program and a field demonstration of recently developed tillage equipment in addition to a terrace demonstration which included two terracing plows, a tractor and moldboard plow and a pan with a 4-wheel drive tractor. Myers also indicated that a technical session relevant to updating the status of the Chesapeake Bay Program is tentatively being planned for January.

For information concerning membership or activities of the Keystone Chapter, contact Joel Myers at 652-7035 or Richard Pennay at 782-4593.

Atlantic picks 2 bulls

LANCASTER — Atlantic Breeders Cooperative recently selected two promising Holstein bulls from Lancaster County to enter the stud's young-sire proving program. These new additions will join over 250 other top-pedigreed bulls currently in the program at the Lancaster facilities.

Burk-Ann Dynamo Romeo was bred by Glenn Burkholder of Washington Boro. Romeo, sired by Donacres Dynamo, carries the code 15H574 Romeo. The maternal side of this pedigree shows an Excellent Rocket daughter with production credits that include 6-5Y 365D 2X 27,887M 972F.

Ray Bicksler of Richland sends Russelldale Promise-ET to the program. Promise, coded 15H578 Dale, is a son of Cal-Clark Board Chairman. The dam of this young bull is an Excellent Arlinda Chief with records over 24,000M and 1,050F.

Harry Roth, Atlantic's Operations Director, points out these bulls will be randomly-mated to approximately 600 cows on official test in the herds of Atlantic members. Upon entering the milking strings in these herds, their daughters will be evaluated for production and type. The satisfactory results of these evaluations will bring the bulls into the active line-up at the stud.

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

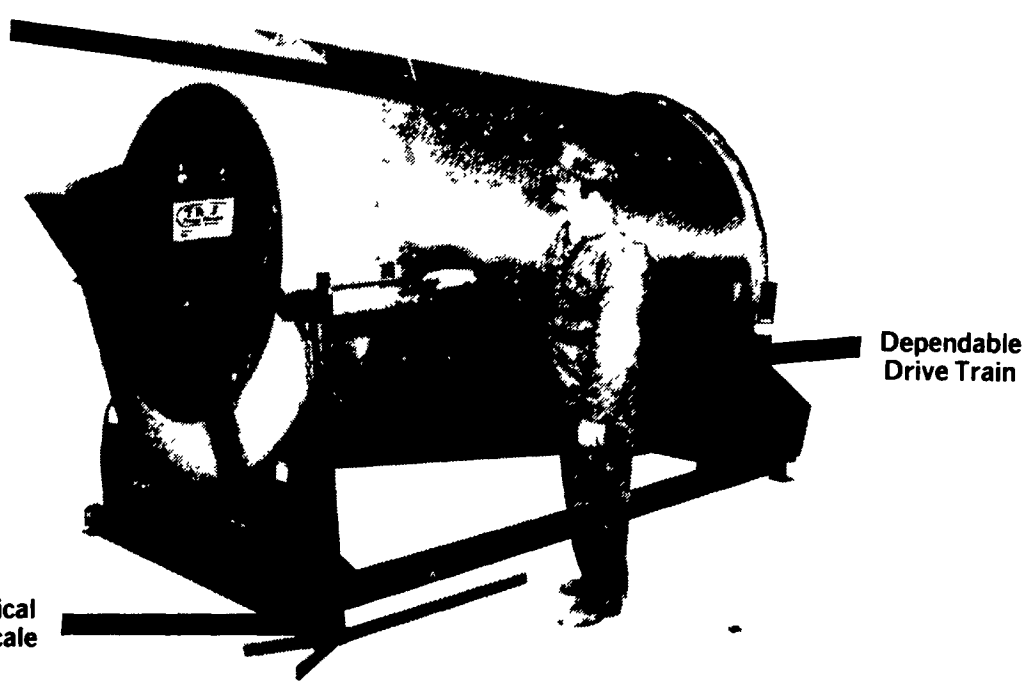
US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
MARSHALL'S MACHINERY
(717) 729-7117
Also See Ad On Pages B24 & 25

All-Plant
LIQUID PLANT FOOD
9-18-9 PLUS OTHERS!
- Contains 100% white ortho phosphoric acid. Made in USA.
- Non-corrosive Won't settle.
- Top quality. Excellent service.
- Newest equipment.
- Financially sound... and growing!

Big Demand Requires More Distributors!
☐ I sell to farmers. How do I become your distributor?
☐ I'm a farmer. What's the price? Where do I get it?
CALL or SEND FOR FACTS:
Phone: 419-962-4707
ALL-PLANT LIQUID PLANT FOOD, INC.
821 State Rd. 511 N., RFD 3,
Ashland, Ohio 44805

FARMASTER
The Ultimate in T.M.R. Mixers



Your Choice... Beam Scale, Dial Scale or Digital Scale
9 Sizes Available... 70 - 320 cubic feet

See Us For Special Prices At
AG PROGRESS DAYS
Located On West 11th Street

See Your FARMASTER Dealer Now

P.O. BOX 444-B, R.D #1
NEW HOLLAND, PA 17557
PHONE: 717-354-6235

MARYLAND
Hagerstown
Farm Specialties
Allen H. Martin
301-733-0458

PA
Bethel
Zimmerman Farm Service
717-933-4114

Honesdale
Marshall Mach, Inc.
717-729-7117

Chambersburg
Martin Equip. Co.
717-263-3505

Centre Hall
R.E. Smeltzer Equip. Co.
814-364-1419

Rome
Histand Farm and Home
717-744-2371

Williamsburg
Longenecker
814-793-3731

Leysville
McMillen Bros.
Clair McMillen
717-789-3961

Westfield
M and M Barn Builders
814-334-5504

Check beans for pod worms

NEWARK, Del. — During the early stages of pod formation, soybean plants can tolerate large amounts of pod damage without yield loss. Research has shown that plants compensate for pod loss by increasing seed weight and suppressing the natural abortion of excess pods. However, significant yield losses can occur when pods are damaged after seed enlargement, so close monitoring and early detection of pod feeders are needed to keep populations at low levels.

According to Delaware extension pest management specialist Joanne Whalen, the corn earworm, fall armyworm, and beet armyworm are the most common pod feeders found in local soybean fields. All three species migrate northward and can be found in Delaware from June on. Adult moths lay their eggs on corn and grassy weeds until early August. Once these plants mature and dry down, moths begin to lay eggs on soybeans and other alternative host plants.

Since the corn earworm is by far the most important pod feeder on area soybeans, it's important to know which fields are most attractive to egg laying moths. Generally, says Whalen, late blooming, open canopy soybeans are favored. If peak flowering occurs when moths are abundant, economic levels of earworm feeding are likely to occur.

Another factor which affects egg laying is the openness of the canopy. Earworm moths prefer to lay eggs in the interior of plants. Therefore, growers are more likely to find high populations in wide row, open canopy plantings. Narrow row plantings generally have tightly closed canopies when moths are abundant, so earworms do not build to conomic levels in them.

The specialist advises farmers to start looking for corn earworm and fall armyworm larval feeding on soybean leaves in early August. Initially larvae feed on leaves, flower buds, and young pods. But larvae more than half an inch long feed on developing pods and can cause yield losses in a short time, so sampling for young larvae gives growers 5 to 7 days to make a spray decision or to resample a field.

Unlike the corn earworn and fall armyworm, the beet armyworm generally feeds on foliage. Larvae don't begin feeding on pods until they're at least an inch long and populations are extremely high. All three insects damage pods in the same manner, but beet armyworms are very hard to control with insecticides, Whalen says. This is why it's important to know which species is causing the damage before making a control decision.

The following descriptions should help soybean producers identify pod feeding worms:

— Fall armyworm - Larvae have three yellowish-white hairlines down their back and four black dots on the last abdominal segment. They can be distinguished from earworms and beet armyworms by the prominent inverted Y on the front of the head.

— Corn earworm - Larvae vary from light green or pink to dark brown. They are inactive when disturbed and will roll up in a C when knocked off a plant.

— Beet armyworm - Larvae are green with a black dot above the second pair of true legs.

Whalen says to start looking for small podworms on a weekly basis in early August. Check fields twice a week after the first worms are found. Base control decision on a 3-foot x 3-foot shake cloth sample taken in five to 10 random areas throughout a field. It is also possible to estimate populations by taking a random sample of five sweeps in five areas of a field.

KUBOTA

DIESEL TRACTOR B6200 2WD / 4WD

A 52.2 cubic inch, 15HP diesel tractor with 12.5 PTO HP that's bred for performance.

See The Full Line Of Kubota Tractors And Implements At Ag Progress Days
Loc: West 2nd Street

KUBOTA®
Nothing like it on earth.™

See The Full Line Of KUBOTA Tractors At Your Participating Dealer

PENNSYLVANIA

AVONDALE
Thomas Power Equipment
215/268-2181

BIGLERVILLE
O.C. Rice, Inc.
717/677-8135

BLOOMSBURG
Tractor Parts Co.
717/784-0250

DOVER
Straley Farm Supply Inc.
717/292-4443 or 292-2631

HONESDALE
Marshall Machinery, Inc.
717-729-7117

HONEY GROVE
Norman D. Clark & Son, Inc.
717/734-3682

IRWIN
Laspina Equipment
412/864-5147

LEBANON
Keller Bros. Tractor Co.
717/949-6501

LITITZ
Keller Bros. Tractor Co.
717/626-2121

NEW PARK
M & R Equipment, Inc.
717/993-2511

REYNOLDSVILLE
McGarvey Equipment, Inc.
814/653-9637

SPRING MILLS
Rishel's Sales & Service
814/422-8826

STATE COLLEGE
Rishel's Sales & Service
814/238-7788

WELLSBORO
Benedict's Ford Tractor
717/724-2839

WEST CHESTER
M.S. Yearsley & Sons, Inc.
215/696-2990

MARYLAND

RISING SUN
AG-IND Equipment Co., Inc.
301/658-5568 or 398-6132

CHESTERTOWN
W.N. Cooper & Son, Inc.
301/778-3464

HAGERSTOWN
Arnett's Garage
301/733-0515

NEW JERSEY

ELMER
Roork's Farm Supply, Inc.
609/358-3100

FLEMINGTON
Poniatowski Bros., Equip. Co.
201/782-3514

HAINESPORT
Material Handling Systems
609/267-6100

HAMMONTON
Rodio Tractor Sales, Inc.
609/561-0141

CONTACT US
For
MANURE HANDLING EQUIPMENT

Semi- and Liquid Spreaders - Ground Driven - Easy Running Priced Reasonably

PIT ELEVATORS

ALLIS CHALMERS AND WISCONSIN POWER UNITS
COMPACT ROTO BEATERS

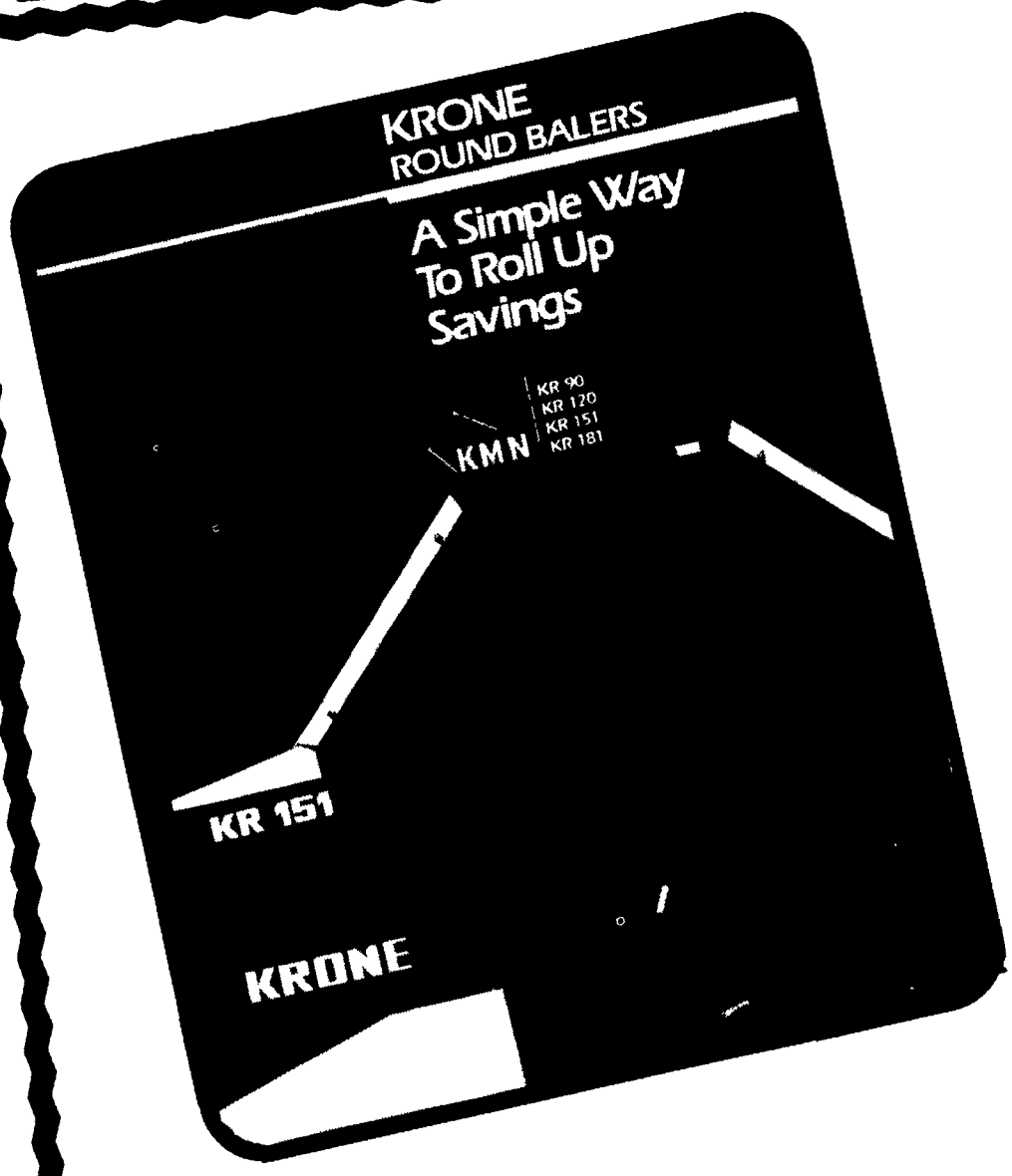
Smaller Improved Model
2 Sizes To Choose From

HAND-O-MATIC BUNK FEEDERS NOW IN STOCK FOR EASY SILAGE DISTRIBUTION

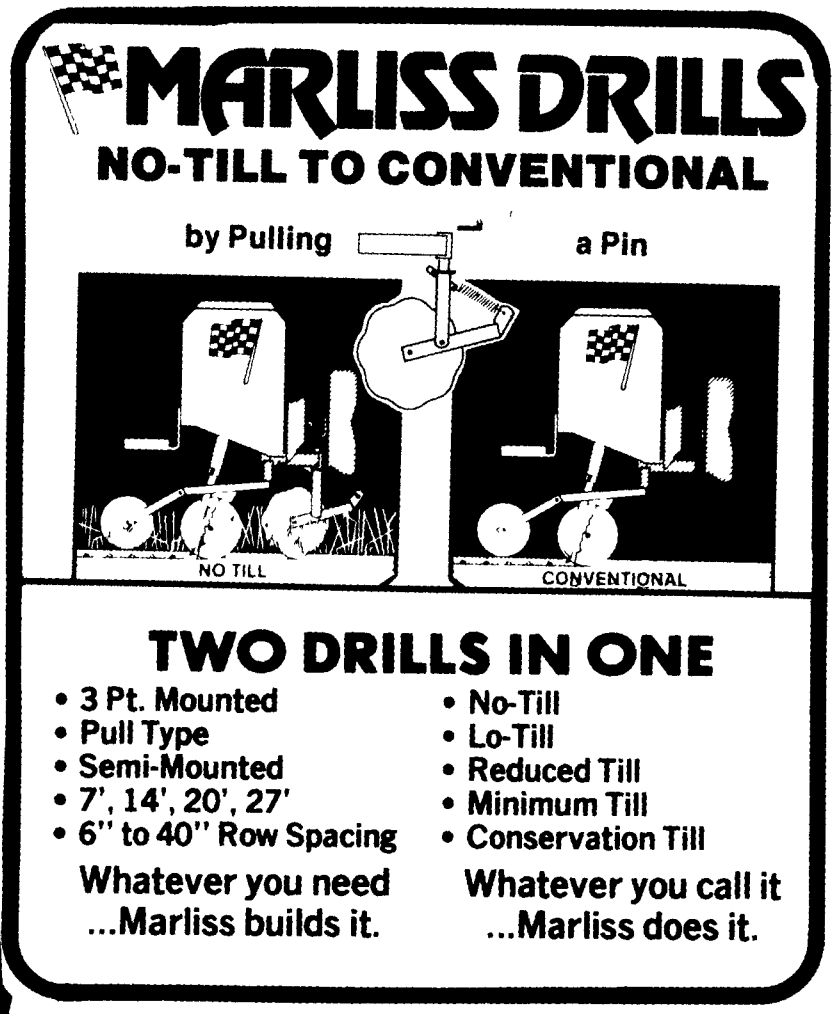
PLATE SHEARING & PRESS BRAKE WORK

COMBINATION MOWER & CRIMPER UNITS

SMUCKER
WELDING & MANUFACTURING
2110 Rockvale Road
Lanc., PA 17602
PH: (717) 687-0772

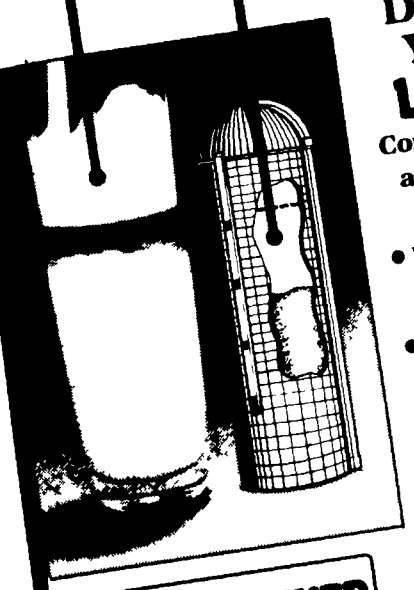


WESTENDORF
ONAWA, IOWA
WL-64
A NEW WESTENDORF SERIES
* EXTRA HIGH LIFT
(15' DEPENDING ON TRACTOR)
* 3" BUCKET CYLINDERS
* NEW SELF-LEVELING—EASE & EASY
* PATENTED QUICK COUPLER
—FOR CHANGING ATTACHMENTS
* 2 1/4" LIFT RAM
NOTE
Capacities and Capabilities are limited by the capacity and the construction of the pump and hydraulic unit as mounted on Series II Used Providing Common
CHECK THESE FEATURES:
• Patented Quick Mount Loader frees tractor for other uses
• 1¾ Bucket Ram 1¼" Bucket Pivot Pin
• Extra strong larger Frame fits higher HP and most Power Assist Drive Tractors
• Deeper Arm Cross Section and strong wishbone Tower Design for heavy rugged use
• Some Rear Axle Kit available — if called for
• 96" Bucket Standard
• Breakaway cap 7 000 lbs Lift cap at full height 3 820 lbs at 2,500 PSI
SELF LEVELING
ONAWA IOWA 51040



Stop and see these and other quality products at Ag Progre

THIS MUCH MORE FOR THIS MUCH LESS



Dollar-for-dollar You Can't Beat LAC-TRACKER®

Computerized Dairy Feeding and Management Systems by Optek, Inc.

- Lowest priced, self-checking dairy computer with auto-lactation feeding
- Easy to use and expandable. Let your management skills grow with the future
- Most complete dairy and cow records in the industry
- Bar code cow tags (with 7-year warranty) insure instant on/off feeding without light or radio interference
- Heavy duty stainless steel and poly mechanical feeding systems with special high moisture feed provisions
- Compare features, warranty, and price before you invest in any other feeding system

LAC-TRACKER
DAIRY COMPUTERS

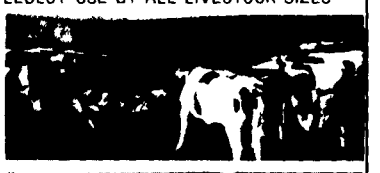
Schoessow offers a new

SLANT ON SAVING FEED

VARIOUS MODELS DESIGNED FOR FEEDLOT USE BY ALL LIVESTOCK SIZES

FARMERS FAVORITES

FEED EFFICIENT



Schoessow's *SLANT* BAR FEEDER WAGONS

Will feed chopped green feed large round or square bales regular bales silage haylage chopped hay or ground feed. 40 30 25 20 15 or 10 foot lengths

ALL PURPOSE FEEDER WAGONS

Schoessow's Versatile *SLANT* Bar Feeder Bunks

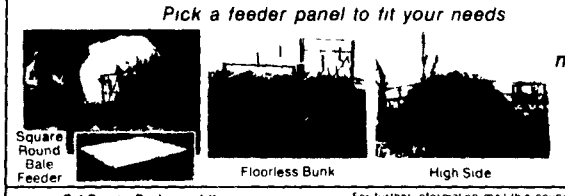
Full Sized Bunk | Easily Movable Trailer Bunk | Mini Bunk For Calves and Sheep

Schoessow's *SLANT* Bar Feeder Panels

Pick a feeder panel to fit your needs

OR

mount feeder panels as a fence line feeder



Square Round Bale Feeder | Floorless Bunk | High Side

Get Proven Design and the Rugged Welded Steel Construction from the Leaders in Feeders

Schoessow, Inc.

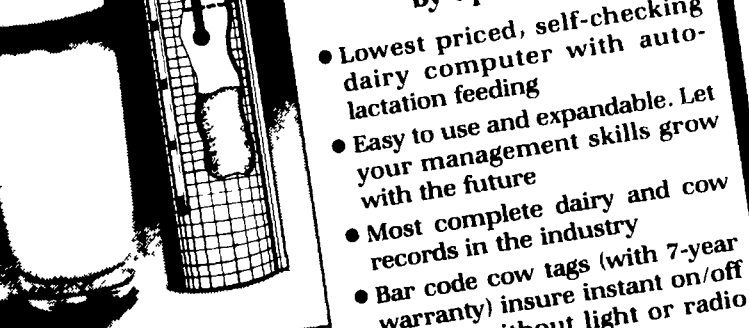
IN BRIARTON
ROUTE 2
PULASKI WI 54162
(414) 833 2698

For further information mail this coupon today

Name _____
Address _____
City _____ State _____ Zip _____
Phone ( ) _____

Delson

TIPPING TRAILERS



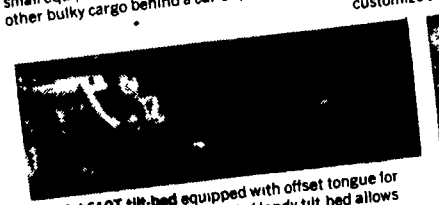
DELSON INDUSTRIES INC. 1422 LeBer, Sherbrooke, Que. J1G 2Y5 · (819) 567-8493

DONAHUE Utility Trailers

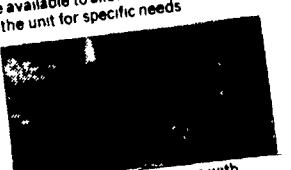
- Fixed-bed or tilt-bed • 3,500- to 7,000-lb. GVW • Choice of 4 bed sizes
- Single or tandem axle models • Straight or offset tongue

These quality built utility trailers perform hundreds of uses. They are ideal for hauling small equipment, construction materials and other bulky cargo behind a car or pickup.

Standard equipment includes 3,500 lb. axles (single or tandem), stake pockets, clearance lights and combination stop, turn, tail lights and tail gate. In addition, a wide range of handy options are available to allow the user to customize the unit for specific needs.



Model 610T tilt-bed equipped with offset tongue for towing behind a pickup truck. Handy tilt bed allows easy, one person loading.



Model 510T tilt-bed shown with stright tongue for cars or mini pick ups and optional hand winch. Simply drive equipment on slowly and bed tilts back to level position, ready for travel.

Distributed By:

Cummings & Bricker, Inc.

111 Cedar Street
P.O. Box 272
Batavia, N.Y. 14020
Phone (716) 343-5411

100 Stover Drive
Carlisle, PA 17013
Phone (717) 249-6720

How innovative ingenuity pays off

If we don't have it, we'll make it

BY ROBIN PHILLIPS
Staff Correspondent

ROBESONIA — Ag progress: farmers appreciate it and consumers take advantage of it every day.

Encompassing dairy, livestock, crops, and machinery, the agricultural progress of the United States has far surpassed that of any other nation. Much of the credit goes to the American farmer. With dedication to the land, America's farmers are also part scientists, doctors, mechanics and researchers.

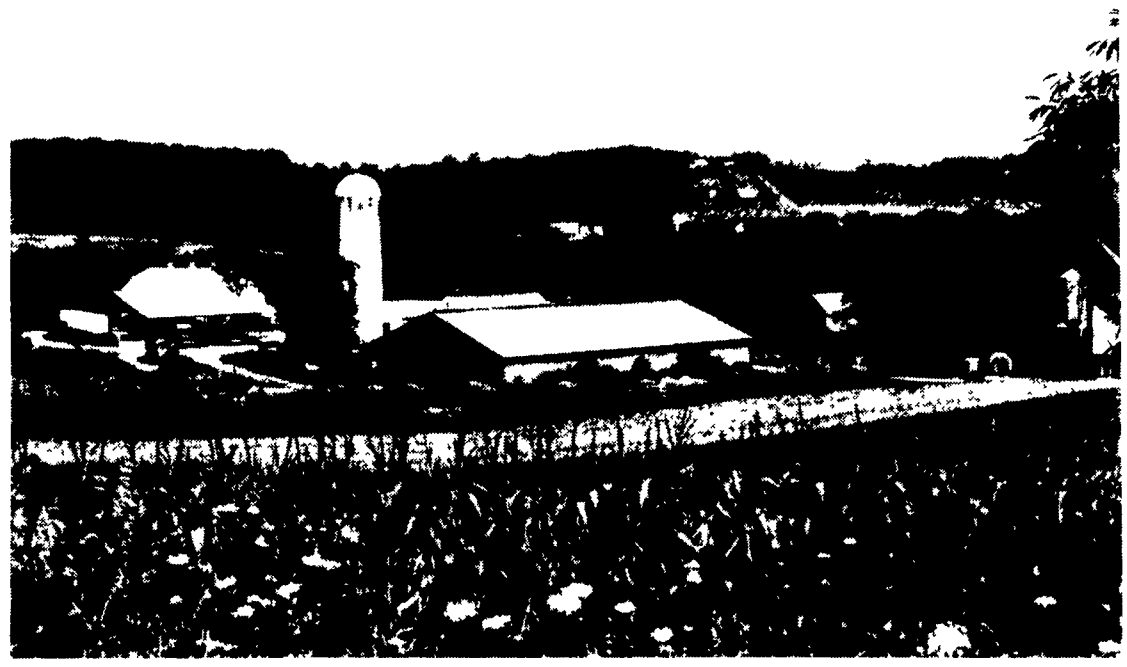
Believing that there is always an easier or better way to do something, and crops and livestock can grow bigger, better, healthier, and quicker, the determination and innovative thinking of the American farmer has made American agriculture equaled by the envy of the world.

There is a farmer with four sons in North Heidelburg Township, just outside of Robesonia, who exemplifies much of this innovating thinking that has characterized American farmers throughout history. Lester Gelsinger, R1 Robesonia, and his sons, Richard, Harold, Ernest, and Michael, farm 800 acres and operate a 100-cow Holstein dairy and also finish out about 125 head of dairy beef a year.

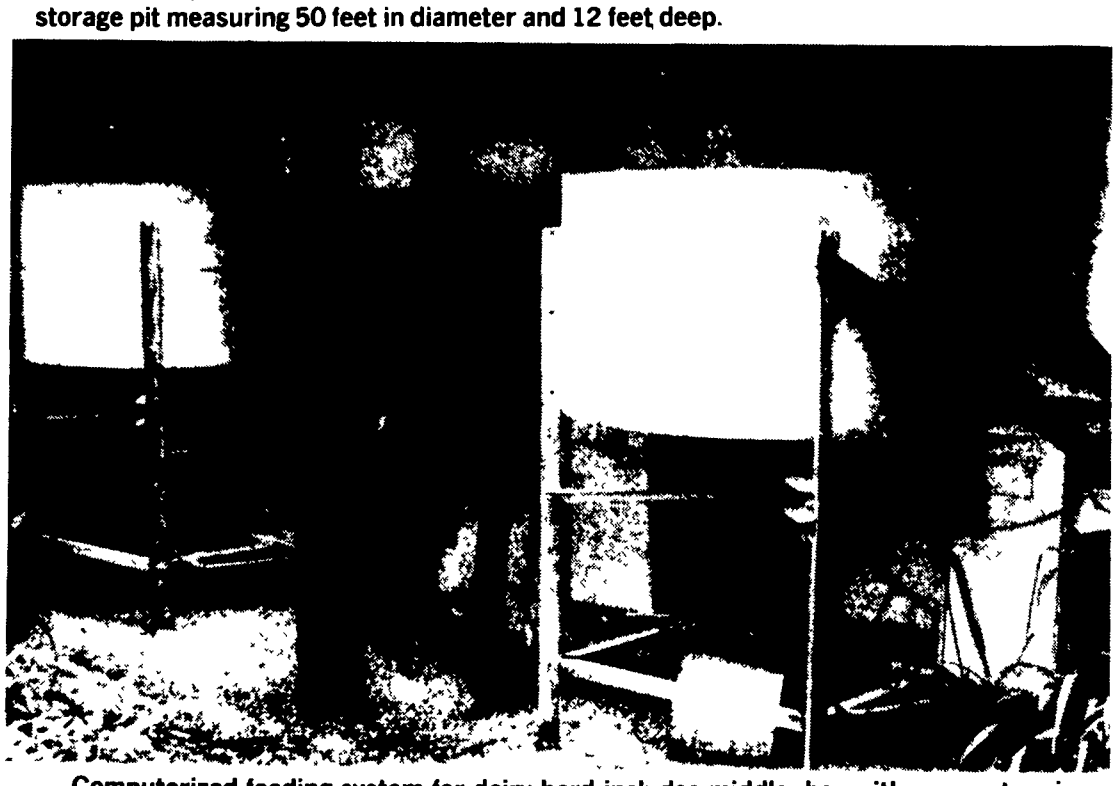
"We operate as a unit," Gelsinger says proudly.

The Gelsinger "unit" is well equipped. Lester Gelsinger received valuable training when he was younger working with the National Youth Administration on government projects. His oldest son, Richard, is an Albright College graduate and takes care of the feeding and field work. Ernest just graduated from Penn state with a degree in Dairy Science. Harold is the mechanic, with 17-year-old Michael following his lead with Vo-Tech education in school.

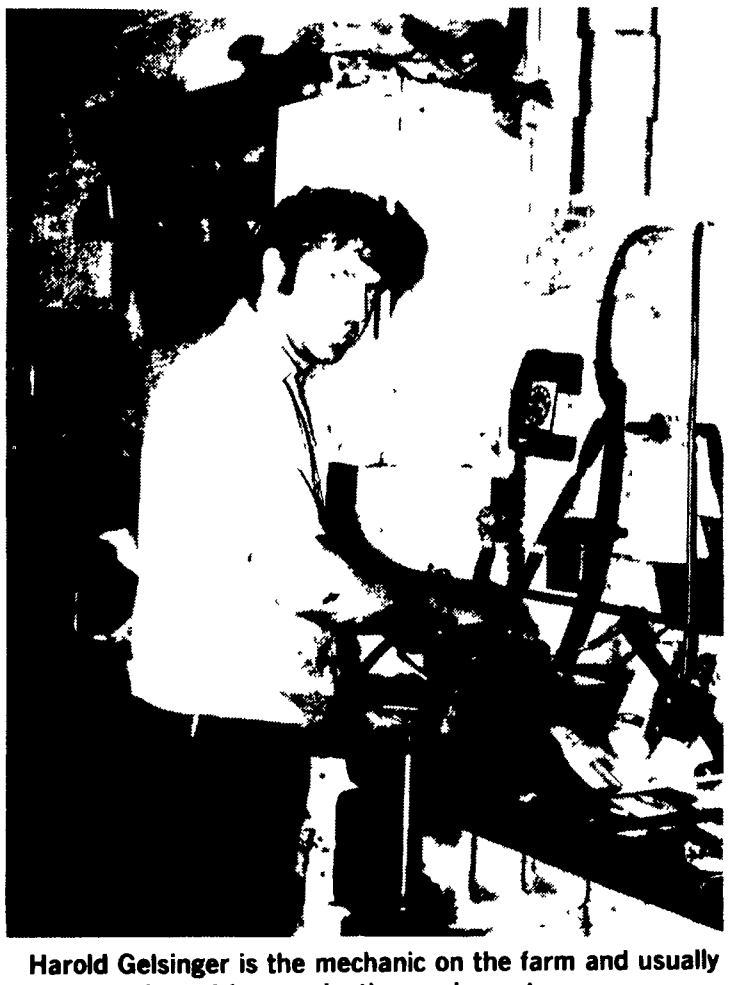
Of his sons and farming operation, Gelsinger explains "you don't worry when something breaks." The mechanical abilities of his sons, "takes some of the worry out of it," he admits. "If we don't have it, we'll make it. I haven't bought a new tractor since 1967. We can't afford to. We buy this other stuff and adapt it or fix it up," Gelsinger states.



The Gelsinger farm includes the large 200' X 48' freestall barn that covers a manure storage pit measuring 50 feet in diameter and 12 feet deep.



Computerized feeding system for dairy herd includes middle, box with augers to mix high moisture shelled corn with supplement.



Harold Gelsinger is the mechanic on the farm and usually can be found repairing or adapting equipment.

Gelsinger points to their sprayer truck that he and his sons "built from scratch." With an old truck cab on hand, the Gelsinger men designed their own sprayer truck that features complete hydraulics, foam markers, acreage, pressure, and flow monitors inside the cab, shock absorbers in the boom, and a siphoning system to load that permits no backlash of air or spray to the operator.

"We looked at a few others, went up to Watertown, N.Y., to see one, made a few sketches, then built the material to match it," Gelsinger states. The 350 gallon tank is completely sealed and takes two and one-half minutes to fill. With the shock absorbers on the 40-foot boom, spraying is done at 20 miles an hour. "It's made to last," Gelsinger adds and states that many grease fittings were installed and all rubber or PVC plastic pipe were used.

"It was just a pile of iron," Gelsinger says before work was begun on the sprayer unit. "We worked about six weeks steady to do this," he adds. Gelsinger credits his son, Harold, with the mechanical knowledge necessary for the design and building of the machine. "He'll just go and wire anything up. He'll look at a book or diagram, lay it down and go make it," he says about Harold.

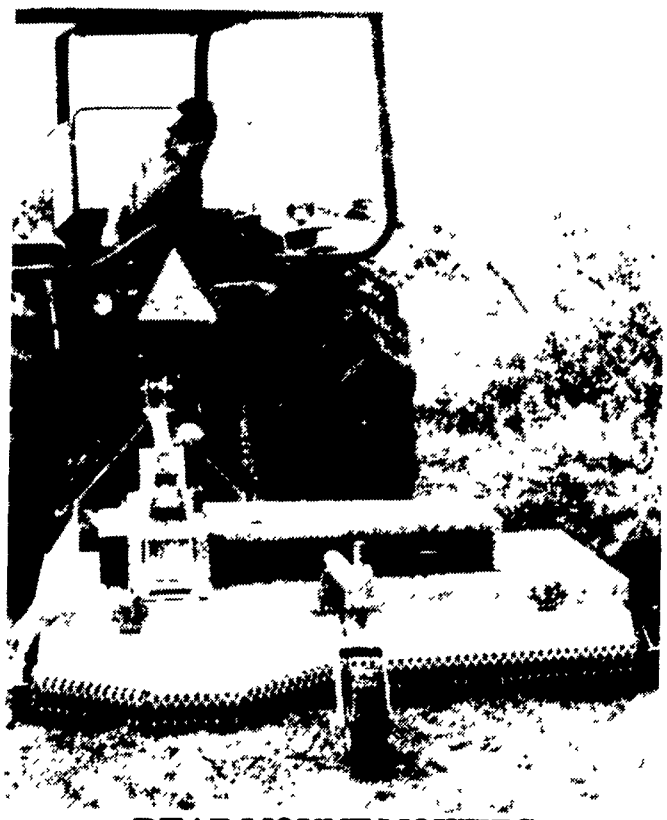
Gelsinger also says that Harold was the one that "figured out" the phase converter that they use in their machine shop. The "shop" on the Gelsinger farm is equipped with industrial machine shop equipment purchased years ago as area businesses dispersed. All this could not be used, Gelsinger explains, since it was on three phase service and they only had single phase service available. When Harold made the phase converter, "we started playing with the equipment," Gelsinger states, and

(Turn to Page F16)

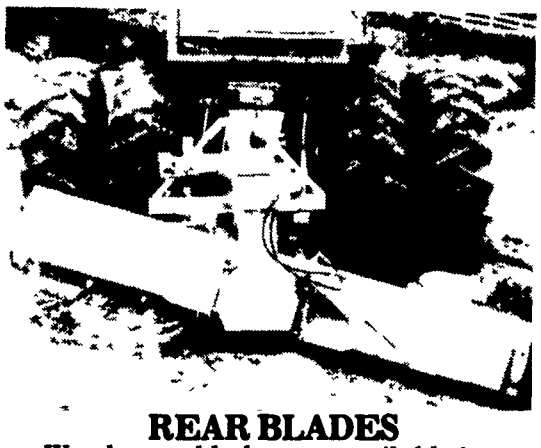
With their custom-built sprayer truck, which monitors pressure, flow, boom adjustment and acreage from within the cab, are Lester Gelsinger and his son, Michael.

Lester Gelsinger demonstrates air compressor truck.

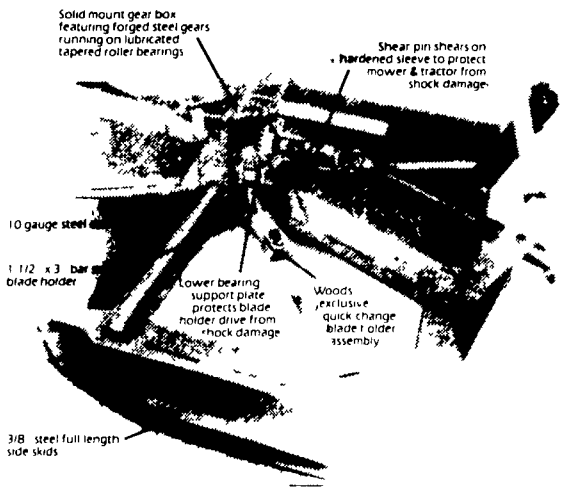
See The Complete Line Of WOODS PRODUCTS
On Display At
AG PROGRESS DAYS, AUGUST 21-23
Located On West 4th Street



REAR MOUNT MOWERS
Hookup quickly and easily to Woods RM Series Rearmount Mowers. Gear or belt drive models in 4', 5' and 6' cutting widths.



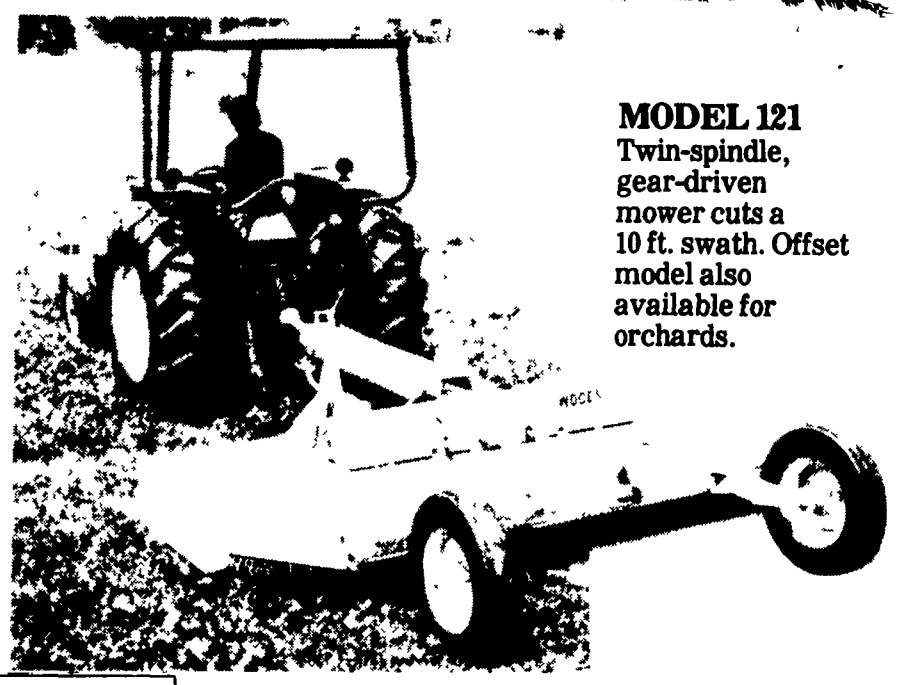
REAR BLADES
Woods rear blades are available in moldboard widths from 5 to 10 ft.


Solid mount gear box featuring forged steel gears running on lubricated tapered roller bearings
Shear pin shears on hardened sleeve to protect mower & tractor from shock damage
10 gauge steel
1 1/2 x 3 bar
blade holder
Lower bearing support plate protects blade holder drive from shock damage
Woods exclusive quick change blade / idler assembly
3/8 steel full length side skids

MORE MOWER FOR YOUR MONEY
THE WOODS' M5 DIXIE CUTTER

Woods M5 Dixie Cutter cuts and shreds five foot swath. It has direct gear drive with a heavy-duty gear box and is available in models for rear-mounting on 3-point hitch, fast-hitch or AC snap-coupler.

Woods models 650 and 750 utility backhoes can out perform others their size (and larger) digging footings, irrigation ditches, drainage ditches, wiring trenches, and for land-scaping.



MODEL 121
Twin-spindle, gear-driven mower cuts a 10 ft. swath. Offset model also available for orchards.

WOODS
Division of Hesston Corporation

ABRACZINSKAS FARM EQUIPMENT, INC.
Catawissa, PA
717-356-2323

B. EQUIP., INC.
Waynesboro, PA
717-762-3193

JOHN BROWN EQUIPMENT
Perryopolis, PA
412-326-8812

C & W EQUIPMENT, INC.
Carlisle, PA
717-243-4419

NORMAN D. CLARK & SON, INC.
Honey Grove, PA
717-734-3682

DOTTERER EQUIPMENT INC.
Mill Hall, PA
717-726-3471

ERB & HENRY EQUIP. INC.
New Berlinville, PA
215-367-2169

FARMERS EQUIP. & SUPPLY, INC.
Airville, PA
717-862-3967

FARMERSVILLE EQUIPMENT, INC.
Ephrata, PA
717-354-4271

FINCH SERVICES HANOVER, INC.
Hanover, PA
717-632-2345

GRUMELLI'S FARM SERVICE
Quarryville, PA
717-786-7318

HINES EQUIPMENT
Cresson, PA
814-886-4183
Bellwood, PA
814-742-8171

WM HOBENSACKS SONS
Ivyland, PA
215-675-1610

R.S. HOLLINGER & SON, INC.
Mountville, PA
717-285-4538

C. B. HOOBER & SON, INC.
Intercourse, PA
717-768-8231

HUTTON FARM EQUIP.
Mahaffey, PA
814-277-5504

INCH EQUIPMENT CO.
McAllisterville, PA
717-463-2191

KAUFFMAN FARM SUPPLY
Mt. Pleasant Mills, PA
717-539-4571
Belleville, PA

KELLER BROS. TRACTOR CO.
Lebanon, PA
717-949-6501

KELLER'S FARM MACHINERY, INC.
Quakertown, PA
215-536-4046

R.W. KELLER SALES
Perkasie, PA
215-257-0101

KERMIT K. KISTLER
Lynnport, PA
215-298-2011

LAMB'S FARM MACHINERY
Thorndale, PA
215-269-2676

LANCASTER FORD TRACTOR, INC.
Lancaster, PA
717-569-7063

S.G. LEWIS AND SON
West Grove, PA
215-869-9440
869-2214

ROBERT E. LITTLE, INC.
Zieglerville, PA
215-287-9643

CHAS. J. McCOMSEY & SONS
Hickory Hill, PA
215-932-2615

MANOR EQUIPMENT, INC.
Sinking Spring, PA
215-678-0828

MIFFLINBURG FARM SUPPLY, INC.
Mifflinburg, PA
717-966-3114

MONTANDON EQUIP. CO.
Milton, PA
717-524-2473

MORRIS INT'L., INC.
Everett, PA
814-652-6101

NICHOLS FARM EQUIP.
Bloomsburg, PA
717-784-7731

OTT BROS. FARM & APPLIANCE
McConnellsberg, PA
717-485-4114

PETERMAN FARM EQUIPMENT
Carlisle, PA
717-249-5338

PIKEVILLE EQUIP. INC.
Oley, PA
215-987-6277

O.C. RICE, INC.
Biglerville, PA
717-677-8135

RISHEL'S SALES & SERVICE
Spring Mills, PA
814-422-8826
State College, PA
814-238-7788

MELVIN J. SHEFFER, INC.
Hanover, PA
717-637-3808

SHUEY SALES & SERVICE
Ono, PA
717-865-4915

STRALEY FARM SUPPLY, INC.
Dover, PA
717-292-4443
717-292-2631

TRACTOR PARTS CO.
Bloomsburg, PA
717-784-0250

UNIONTOWN FARM EQUIP. CO.
Uniontown, PA
412-437-9851

C. E. WILEY & SON, INC.
Quarryville, PA
717-786-2895

CLARENCE WILSON & SONS
Kimberton, PA
215-933-3581

C.J. WONSIDLER BROS.
Quakertown, PA
215-536-1935
215-536-7523
Rt. 309 & 100
New Tripoli, PA
215-767-7611
Oley, PA
215-987-6257

YORK CO. FARM IND., INC.
Emigsville, PA
717-764-6412

Innovative farm family

(Continued from Page F14)

from then on "if we don't have it, we'll make it."

More evidence of the Gelsinger ingenuity is with a no-till drill that they purchased several years ago. "No-till works," Gelsinger states. "You got to keep your soils. If you lose your soils, you're beat," he adds.

With their no-till drill, the Gelsingers have plowed very little in the last three years. Gelsinger admits that more money is spent on spraying and controlling weeds, but the soil loss is a minimum. "I give my sons better soils then I bought," he says.

When Gelsinger purchased the no-till drill, the company suggested the installation of four, concrete-filled 55-gallon drums, fitted on to the front of the drill. The Gelsingers did not like the idea of the crowding on the front of the drill and the extra expense of the special brackets needed, that the concrete filled drums added to the equipment. So they saved by doing it their own way. They took three drums and cut one in half and welded each half to the other drum. When filled with concrete, the two extra, enlarged drums were attached to their drill with two sets of brackets instead of the four and provided the weight of three drums.

"It's done a pretty good job," Gelsinger states.

An extra wheel was also added to the front of this piece of equipment to carry the acreage monitor. With its own brake and lifting mechanism, Gelsinger states that the wheel was another one of his son's idea to prevent the acreage monitor from being knocked off the outside wheel and to enable a more accurate acreage measurement.

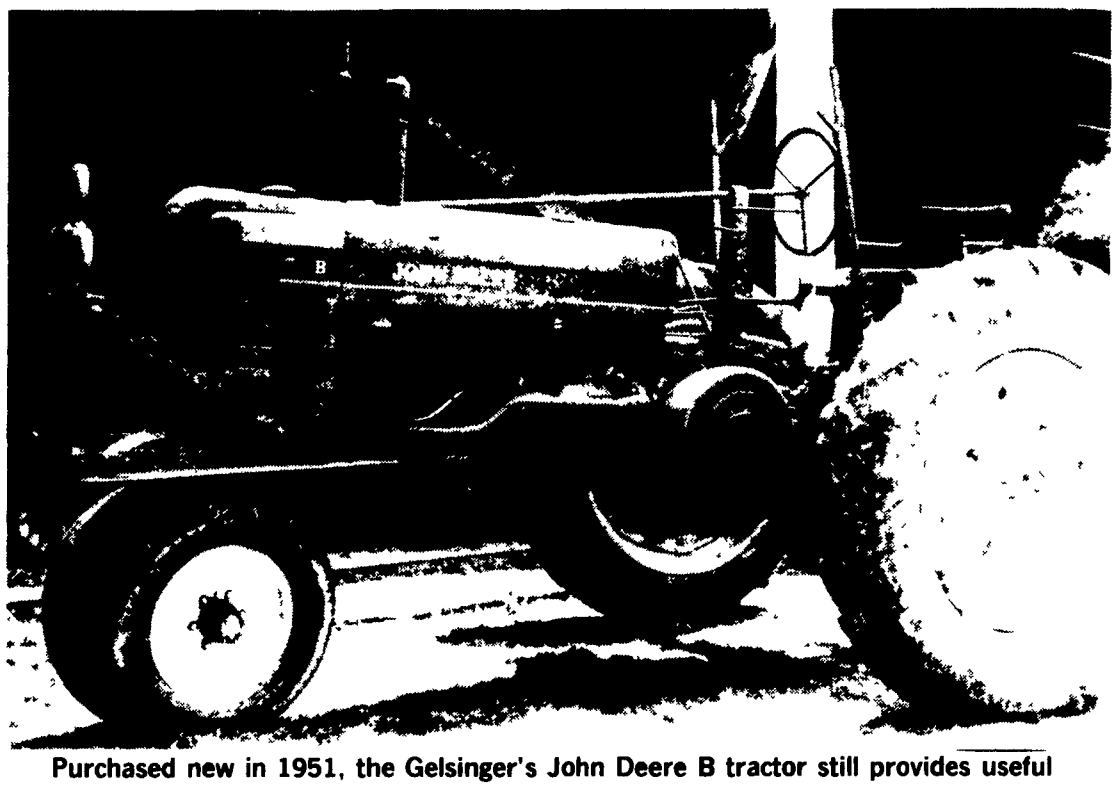
The Gelsingers also have the advantages of their own air compressor and sandblaster truck which they fashioned from an old truck cab and chasis. An old cattle truck was fitted with a mounted sandblaster and air compressor. Putting out 125 cubic foot of air a minute, the air compressor on the truck can be driven where needed and has come in very handy, Gelsinger explains.

Gelsinger also points out a John Deere B tractor that was purchased in 1951 that is used daily and still runs well for them. "The cost of new equipment and modernization is tremendous today," Gelsinger states. He has always tried to teach the proper maintainence and repair of equipment and also maintains an extensive inventory of used equipment and parts for repairs.

The Gelsinger operation also features a double six herringbone milking parlor with a 200'x48' freestall barn built over a 50 ft. by 12 ft. deep pit. Computer feeding is also utilized as are three silos with a 35,000 bushel capacity for high moisture shelled corn.

With the manure pit under the barn, no bedding is needed for the cows. Alleys are scraped twice daily and the cows remain cool and clean under fans in the well-ventilated barn.

The computer feeding system that the Gelsingers selected was adapted to their needs to feed high moisture shelled corn and mix it with supplement. "I was at a few places, but it just did not handle your own grain," Gelsinger explains when telling about their changes to the feeder. They no longer feed in the parlor and save money by monitoring the feed that their higher producers are eating from the computerized feeder.



Purchased new in 1951, the Gelsinger's John Deere B tractor still provides useful service.

Farming since 1951, Gelsinger is a survivor of two barn fires and the ever-changing livestock and dairy industries. "We used inflationary dollars to pay off our investment of the '60's," he explains about the parlor and dairy modernization the farm underwent in the '60's. "It seemed like a lot of money, but it is only a trifle of what it would cost later on," he states. "There isn't enough money in farming today to pay interest," he adds. He looks forward to slowing down a bit next year and says that his sons will keep the operation as a unit and continue farming.

When asked about his philosophy of farming and surviving over the weather and economic ups and downs of agriculture, Gelsinger says, "that's just farming. You make your plans fit."

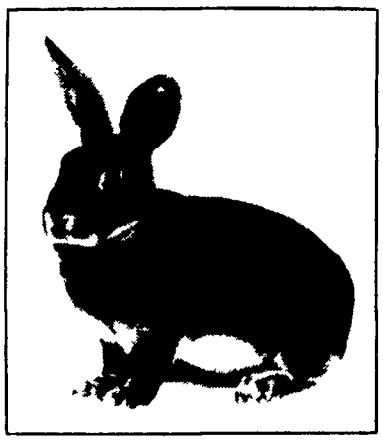
HOULE
WIC
US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
Available From
PAUL SHOVER INC.
(717) 243-2686
Also See Ad On Pages B24 & 25

- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains
- Bedding Choppers
- Silage Carts
- Manure Tanks
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

We Specialize In Aerial Work Using Our Twin Bucket Boom Truck
Extends To 55 Ft
ELECTRICAL CONTRACTING
Specializing In
AGRICULTURAL WIRING
Also Residential Industrial And Commercial Work
Free Estimates
We Have Poles In Stock 25' 30 35 & 45
C. M. HIGH CO.
320 King St
Myerstown PA 17067
Phone 717 866 7544

CALL US FOR FREE ESTIMATES
on TOP QUALITY BARN SPRAY & BRUSH PAINTING
·Try Our New Concept In Penetration And Adhesion.
In 1984
To earn a dollar give a dollars worth of service and work Pay only $750 for the best kind of barn painting on an average barn If you pay more you paid too much
On barn siding painting temperature and timing are factors as well as penetrating kind of quality for adhesion are helpful guides for long lasting under average conditions of siding type and age
I will share helpful guidelines on roof maintenance of steel roofs by brushing on at prime time
The farmers in Lancaster Co. are lucky because of the amount of competition in barn painting.
Check with us for the best deal!
PHARES S. HURST
RD 1, Box 503, Narvon, PA 17555
215-445-6186
BRUNING
Years of experience plus self employment gives you quality work for less expense.

HELP WANTED
Earn $10, $15, $20 thousand a year or more! Raise REX RABBITS for the multi-million dollar fur industry.
Turn your unused space and spare time into profits.



• Excellent Investment • Exciting Program • Enormous Profits
To learn more without obligation, fill out and mail the coupon below today:
Royal Rex Ranches, Inc.
RR1, Box 54
Equinunk, Pa.
18417
(717) 224-4580
Yes! I am interested in making money by becoming a commercial Fur Rancher!'
NAME _____
ADDRESS _____
City ___ State ___ Zip ___
Phone _____ Age ____
Married/Single _____
Occupation _____
LF

GRAIN STORAGE
NATURAL GRAIN DRYING
FEED BINS
AUGERS
FLOORS
WET TANKS
GSI
DRYING FANS AND HEATERS
IT'S YOUR BEST BUY

GET THE BEST FROM:
afs
automatic farm systems
608 Evergreen Rd., Lebanon, PA 17042
(717) 274-5333

Mifflin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

MIFFLIN COUNTY DHIA
June Report

OWNER	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS FAT
E Clair Fisher	H	51 3	91 4	19,984	783
Percy S&R Glenn Yoder	H	81 1	87 0	19,029	758
John A Peachey	H	55 7	88 3	20,381	747
Paul J Zook	H	51 3	88 0	20,316	732
Russel Kline	H	43 5	86 7	19,146	724
Bradstead Farm	H	36 9	91 4	19 107	723
Charles L Forgy	H	49 5	89 7	19,279	718
James L Hostetter	H	46 2	91 7	18,075	717
Sylvanus S Peachey	H	86 8	90 4	19,218	715
David T Hostetler	H	34 6	90 0	18,652	708
James G Laughlin	H	42 9	87 9	18,685	697
John B Peachey	H	66 1	90 9	18,387	693
Joshua D Yoder	H	52 3	89 1	18,397	690
G Sheldon Peachey	H	42 2	86 4	18,860	687
Peachee Farms	H	73 0	88 8	17,939	686
Louis S Peachey Jr	H	54 3	84 6	17,712	685
Paul H Yoder	H	56 1	87 4	17,912	678
Mark S Yoder	H	91 6	87 4	17,150	675
Robert Stayrook	H	29 5	89 3	17,857	675
Kore J Peachey	H	56 1	88 6	18,001	672
Aquilla I Yoder	H	81 2	87 4	17,592	671
Fred C Myers	H	22 9	91.3	16,151	669
John L King	H	48 1	89 1	17,133	664
Marvin E Peachey	H	56 0	86 8	17,635	663
Leroy Kauffman	H	49 6	89 3	17,907	661
J Irvin Zook	H	39 0	89.4	18,947	659
Joseph E Kurtz	H	51 1	86 2	18,195	657
J Loren Yoder	H	31 9	88 8	17,775	653
John A Yoder	H	39 0	87 2	17,981	651
John K Kauffman	H	79 8	87 0	19,052	651
David L Mitchell	H	93 7	85 1	18,055	650
Sara	H	36	20 575		839
Percy S&R Glenn Yoder					
Cleff	H	52	17 517		761
Prince	H	46	22 926		854
Janice	H	42	16 834		843
Tina	H	32	20 040		769
James O Reed					
Ila	H	4 10	20,670		818
Bradstead Farm					
Bonnie	H	5 7	20 280		797
David R Spicher					
Bess	H	7 1	20 329		812
David L Mitchell					
Janet	H	7 3	21 622		765
Barb	H	4 11	21 578		813
John L King					
Tiny	H	3 10	19 063		812
John A Peachey					
Dawn	H	8 8	20,064		770
Pearl	H	2 7	18 893		822
Joshua D Yoder					
Patsy	H	7 11	20 605		783
Louis S Yoder					
Sue	H	5 6	20,873		809
Reny	H	4 0	18,828		751
Manda	H	2 9	17 103		780
John K Kauffman					
Sharon	H	6 8	21,700		764
Rosella	H	5 4	22,480		951
Marlin W Peachey					
Lucy	H	5 1	19 723		773
Kore E Yoder					
Mitzi	H	7 0	22,061		766
Ella	H	6 0	20,441		784
Reward	H	5-9	23,856		829
Simon & Allen Peachy					
#31	H	2 11	21,954		801
Louis S Peachey Jr					
#28	H	8-4	17,952		756
#141	H	6 10	19,644		769
#4	H	6 8	20,104		797
#73	H	6 7	17,912		760
Dry House Farm					
#390	H	5-5	19,665		805
Charles L Forgy					
#54	H	6 1	22,078		769
#65	H	3 4	23,704		840
#71	H	2-11	17,506		757
Robert Stayrook					
#34	H	8-7	17,441		771
John M Byler Jr					
Felicit	H	4-4	19,842		844
Anita	H	5 0	20,272		810
G Sheldon Peachey					
Prudenc	H	6 11	21,888		794
J Loren Yoder					
Twinkie	H	3 10	21,215		750
Annie	H	4 3	17,797		774
Joseph E Kurtz					
Becky	H	5 0	21 104		790
James G Laughlin					
Daz 24	H	9 2	23 214		889
Crock33	H	7 4	22 897		888
Ronald R Kanagy					
#10	H	9 0	21 804		764
Aquilla I Yoder					
#33	H	5 5	21 057		808
#70	H	0 0	14 712		751
A Fred King					
#278	H	5 6	17,922		806
L Marlin Yoder					
#54	H	3 2	17 219		771
Elmer S Peachey					
Cindy	H	5 10	18 079		764
Byler Brothers					
#32	H	4 3	21,247		758
#68	H	6 9	23,102		932

High Cows And Heifers 750 lbs Fat & Over

OWNER NAME OR NO.	BREED	AGE	LBS. MILK	LBS. FAT
Peachee Farms				
Ruth	H	7 2	19,778	788
Dolly	H	5 7	17,434	845
Melva	H	4-11	20,709	751
Paul J Zook				
Tulip	H	2 10	18,367	741
Sylvanus S Peachey				
Maggie	H	6 0	20,590	919
Piney	H	4-7	24,653	752

McKean Co. DHIA

June Report

(Herds with 1.7 lbs. of Milk Fat or more)

Orton Kinney	5-30	27	56 5	3 0	2 2
Thomas Spees	6- 6	35	55 0	3 6	1 9
John H Lapp	6-15	59	53 1	3 7	1 9
Sy Tanner	6-14	32	49 8	3 9	1 9
Kenneth Hagans	6-23	27	49 4	3 9	1 9
Charles Irons	5-26	80	46 6	4 1	1 9
Mantz Farms	6- 2	39	49 5	3 7	1 8
Matthew Windsor	6- 7	31	47 7	3 7	1 7
GL Carlson,Inc#4	6- 9	42	49 7	3 5	1 7

Rolling Herd Average (Over 750 Lbs. Milk Fat)

Charles Irons					
Paustar	6-9	305	20,834	900	4
John H Lapp					
Fern	11-3	305	16,620	773	9
Pretty	5-7	305	21,560	788	4
Vera	4-3	305	20,774	774	0
Lina	2-11	305	20,616	770	2
Orville Johnson					
2075	9-11	305	21,747	756	7
6-81	4-9	305	20,352	813	3
Sy Tanner					
Frosty	6-1	303	19,545	752	5
Julie	4-0	305	21,556	813	4

Mr. TOOL's TRUCKLOAD TOOL SALE

Ag Progress Days Aug. 21,22,23

THIS IS THE WAY TO OUTSTANDING SAVINGS ON TOOLS

STATE COLLEGE • Rt 26 Rt 45 • PINE GROVE MILLS

THIS IS IT!

3 DAYS ONLY!

★ "Mr. TOOL's" TRUCKLOAD TOOL SALE

SAVE!

Rt 45 Penn State's Ag Progress Days

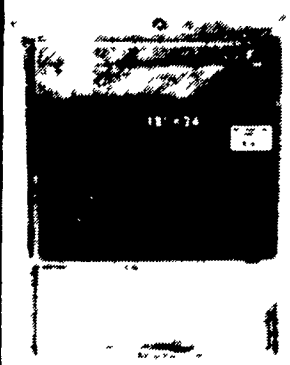
Rt 26

THOUSANDS OF HAND, AIR & POWER TOOLS PLUS HUGE CATALOG!

LOOK FOR "Mr. TOOL" ON YOUR WAY TO AG PROGRESS DAYS

MAKITA—VISE-GRIP—CHANNELLOCK—PROTO—LUFKIN—WELLER—ALLEN—PLUMB—BLACK & DECKER—CHICAGO PNEUMATIC—S-K—BRIGHT STAR FLASHLIGHTS—APEX

UTILITY TARPS REINFORCED GROMMETS



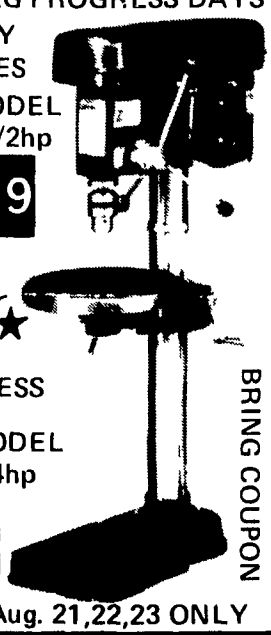
6ft x 8ft.....$4.99
8ft x 10ft.....$6.99
10ft x 12ft....$10.99

LARGER SIZES AVAILABLE $ .08 sq. ft.

HEAVY DUTY DRILL PRESSES

5sp BENCH MODEL 5/8" CHUCK 1/2hp

$129.99



★ AG PROGRESS SPECIAL ★

$10.00 OFF ANY DRILL PRESS

12sp FLOOR MODEL 5/8" CHUCK 3/4hp

$189.99

BRING COUPON

OFFER GOOD Aug. 21,22,23 ONLY

Mr. TOOL "HAS THE TOOL YOU NEED"

1st IN A SERIES

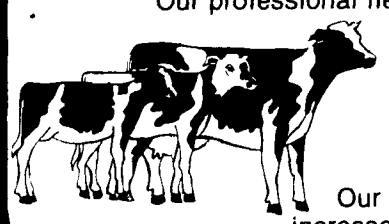
DAIRY FEEDING Management

THE OLD WAY:

Preparing herd rations to feed to production without regard for age/stage differences between animals.

YOUNG'S WAY:

Establish a Dairy Herd Profile™ that accounts for body maintenance, growth, production, and reproduction of each animal in the herd. Our professional field people, working on your farm, formulate a prescription feeding program to maximize your feedstuff potential.



Our people + your farm = increased rolling herd average.

Feedlot Management, we invented it over 80 years ago.

young's Roaring Spring, Pa. 16673

Livestock Nutritional Services

For more information contact

Leonard Miller	Friedens, PA	(814) 445-5525
J Lester Snowberger	Woodbury, PA	(814) 766-2770
Gerald A Burket	Martinsburg, PA	(814) 793-2795
Kevin J Musser	Tyrone, PA	(814) 684-3919
John S Yoder	Mill Creek, PA	(717) 483-6940
Donald E Stover	Spring Mills, PA	(814) 422-8535

FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience; all advertisements must be mailed to the office by 5:00 P.M. Monday or same will be held over for next week's paper; no business advertisements accepted.

Include your Lancaster Farming mailing label and mail to:

Mail Box Market
Lancaster Farming
P.O. Box 366
Lititz, PA 17543
No Phone Calls Please

MAILBOX MARKET

For Sale Horse drawn mower, McCormick #6 $125, hand crank corn shellers, $30 ea Harford Co Md 301-452-5753 after 3 30 p m

For Sale Cookstoves! Quality used antique ranges, wood & coal combinations, save heating costs, Schaef ferstown 717-949 2195

For Sale 15½ grain truck body, w/4' rail, oak tongue & grove floor, exc cond 301-632-2654 or 301-632-2752 or 301-957-1125

For Sale - JD 13 disk grain drill, Landrace male hog, York Co 717-432-5047

MAILBOX MARKET

For Sale Brown Swiss bull calf 7 wks old Dam 20,000 & sire Mattew Luzerne Co 717-864-3257

Wanted - 12' truck body & 250 or 500 gal LP tank, Lehigh Co 215-395-2732

For Sale - Motorola FM radio's w/base 5 Motorola MH-10 hand units w/chargers, Chevy 4-bolt block, Monroe Co 717-629-5711

For Sale - 782 AC forage harvester, 2R corn & pickup, AC 60 clover seed screen. Adams Co 717-359-4975 after 5

For Sale - Norwegian Elkhound puppies, AKC, Also young peasants & Japanese bantams, Harford Co Md 301-836-1213

For Sale - NH 469 haybine, good cond, Lanc Co 215-445-5734

For Sale - 1200 David Brown, w/f, good cond $3700, 4 row JD planter, disc, drill, picker & more, Carroll Co 301-848-3130

For Sale 1 large grade Holstein heifer due Nov 30, Berks Co 215-779-5605

For Sale 1 purebred dorset ewe, 3 yrs old, & 2 lambs born Jan 8 215-822-3144 after 5 p m

For Sale 2 purebred Jersey heifers, will calve in September, Mon tgomery Co 215-495-6690

For Sale 75 acre farm & buildings, 12 clear, Andy A Mast, R#1, Box 247-I, Hartly, Dela 19953, Kent Co

For Sale Antique 1938 Chevy 1½ ton truck 62,000 miles, good cond $1600 Seneca Co NY 315-789-0816

For Sale - 12 volt Sputnik compressor & a Gandy applicator Amos F Lapp, N Maple Ave, Leola, RD1, Pa 17540

For Sale 65 A farm w/5100' rd frontage, 9 mi off Rt 30 on Bull Rd, E of Dover, York Co 717 292-1566

MAILBOX MARKET

For Sale - Wire corn crib, like new $800 Fulton Co 717-294-3162 before 9 a m or after 8 p m

For Sale - Rams & ewes ranging from 3 mos -4 yrs., flock too large, $25-$50, Berks Co 215-488-7842

For Sale - Keystone hot air coal stoker, used in 30' x 120' greenhouse, good cond Lanc Co 717-733-7839

For Sale - NH barn cleaner, drive gear $100, white oil base paint $8 50 a gal Handi-Gard roof coating Lanc Co 215 445-6885

For Sale - Reg Nubian buck, dehorned & very gentle, ready for fall breeding, $75 w/papers, $50 w/o papers 215-987 6098

For Sale - 1 boar & 8 sows Berks Co 215-683-7902

For Sale - Morgans 2 colts mature 15h & 15 3h mare bred for '85, 15 3 h $1500, Colts $600 ea buggy prospects! 304-726-4330

MAILBOX MARKET

For Sale - Rye seed, $4.00 bu tobacco lath, $10 hd Fairbanks platform scale $100 Lanc Co 717-626-5751

For Sale - Open buggy w/hyd brakes, in good cond Jacob M Fisher, 3302 Ashville Rd, Oxford, Pa 19363

For Sale - 5 Choretime 8 8 ton bins, $300-$600 a piece Berks Co 717-933-4656

For Sale - Oliver 1550 gas tractor; JD 244 corn head, good cond., Bucks Co 215-822-9501 after 6 p m

For Sale - JD LA tractor, plow, cultivator, grass mower, pulley; 1923 model-T Ford Coupe Berks Co 215-488-6175 after 5 p m

For Sale - Reg AKC 3 yr old female Red Doberman Lanc Co Chris Martin, East Earl, Pa #1 17519

For Sale - 1953 Model W JD stationary sawmill engine, overhauled, on antique iron-wheeled wagon, $800 Rockingham Co Va 703-828-6328

MAILBOX MARKET

For Sale - Beagle pups 13" choice of 2 litters, used ½ hp elec motors 110 or 220 Dauphin Co 717-367-4797

For Sale - JD 435 GM diesel, 3 pt, silo tile blocks for troughs, Buckeye dehairer & scalding trough 717-866-7213

Wanted - 20 feeder steers, good stock 650-850 lbs. range Lanc Co 717-872-8074

For Sale - Antique wooden clover huller; Birdsell #8 w/recleaner, David F Lapp, RD2, Box 272, Myerstown, Pa 17067, Leb. Co.

For Sale - Grandmother clock, Cherry Westminster chimes, moon dial, German movement, York & Adams Co line 717-432-4597.

For Sale - JD #8 mower 7' cut field ready $200. Juniata Co 717-589-3320

For Sale - Fast hitch IH sickle bar mower, also Doberman Pincer 8 mos old, well trained, FREE Berks Co 717-933-4027

MAILBOX MARKET

For Sale - Inter step van 1967 long wheelbase Ideal farm truck, 6 cyl 4 spd. $600 Berks Co (215) 367-8194

For Sale - 24' double frame chassi w/tandam rear's Ideal for manure tank or dump trailer Lanc. Co (717) 733-8528

For Sale - 1 used steel 6" gate valve, $20.00 Lanc Co 717-733-8528

For Sale - AC table silo blower, 8" & 9" silo pipe, 5' 3 pt rotary mower 3 pt. cultivator. 717-345-4882.

For Sale - Int. 151 combine, 14' cut, come & see, make offer. Lanc Co 717-397-4561 daytime 569-1470.

For Sale - Central tractor, super headhunter, cattle headgate, used $100 Juniata Co 717-734-3695.

For Sale - Polled Hereford bull, calved Dec '83 Victor-Trustee bloodlines, Growthy, good conformation, halter broken, $450 Berks Co 215-589-5617

MAILBOX MARKET

For Sale - 1971 Ford F 250 4x4 4 spd stakebed body 7½' Meyers plow white spoke snow tires $2400 Dauphin Co. 717-566-8689.

Wanted - Will pay for clean gallon or ½ gallon jugs E B Stoltzfus, 2966 Stumptown Rd, Ronks, Pa

Wanted - PTO generator preferably late model, need not work, but repairable, 215-445 6825.

For Sale - Hereford beef cattle, large bull guaranteed to perform, 3 ready for breeding York Co, Pa (717) 235-2444

For Sale - Suffolk black face ram 1 yr, lambs 6 mos Wanted - Wagner front end loader fork Berks Co 215-582-3066

For Sale - Neco grain saver off of IHC combine $750.00. Perry Co 717 567-3670

For Sale - 440B JD log skidder $10,500 00, 1972 Int tandom log truck w/prentis log loader $12,500 00 Berks Co 215-367-5707

HOULE
- Liquid Manure Pumps
- ELECTROMIX
- Barn Cleaner Chains

WIC
- Bedding Choppers
- Silage Carts
- Manure Tanks

US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
- Free Stalls
- Self-Locking Panels
- Comfort Stalls
- Gutter Grates

Available From
BOB SCHMIDT
(717) 253-3048
Also See Ad On Pages B24 & 25

Trim farmsteads, shred stalks with a Ford rotary cutter.

Call us we've got a deal for you.

Ford Tractors Equipment

ALLEN H. MATZ, INC.
505 E. Main St., New Holland
Ph 717-354-2214

SERVING THE COMMUNITY
THIRTY-FIVE YEARS
LANC. CO'S OLDEST FORD DEALER

Calving Ease Sires

For Your Heifer AI Program

15H318 Kranzdale Rebel
7/84 USDA PD82 +$99 +177M +.25% +51F 55% R
Protein +$102 +.01% +8P 44% R
HFA PDT +.74 57% R

15H231 Kingway Elevation Very
7/84 USDA PD82 +$70 −161M +.31% +47F 99% R
Protein +$60 −.04% −13P 98% R
HFA PDT +.71 96% R

Calving Ease Sires

					expected difficult 1st calvings
15H318	Rebel	+177M	+$99	55% R	+.74 PDT	5%
15H277	Starmate	+166M	+$88	75% R	+.62 PDT	7%
15H231	Very	−161M	+$70	99% R	+.71 PDT	8%
17H387	Simon	+808M	+$91	89% R	+1.31 PDT	8%
15H202	Mariner	+1,030M	+$93	97% R	+.60 PDT	9%
15H293	Sundance	+805M	+$96	61% R	−.90 PDT	9%
15H316	Gambler	+622M	+$52	67% R	+1.10 PDT	9%
15H370	Amen	+369M	+$63	64% R	(none)	9%
15H123	Rocket	+982M	+$85	99% R	−.70 PDT	10%
17H390	Jade	+635M	+$118	89% R	+.59 PDT	10%
15H192	Titan	+601M	+$40	98% R	+.60 PDT	10%
15H453	Jolly	+626M	+$68	53% R	(none)	10%
1H385	Ace	+612M	+$103	94% R	+1.55 PDT	11%
15H341	Stewart	+762M	+$131	73% R	+1.19 PDT	11%
15H180	Superior	+549M	+$28	99% R	+.75 PDT	11%
15H365	Demand	+629M	+$57	51% R	(none)	11%

(July/84 summaries) (breed average is about 11%)

These well-proven sires, above average for calving ease, used in conjunction with good heifer management, are your key to a successful heifer AI program! Don't sacrifice quality genetics in your herd, contact your Atlantic representative today.

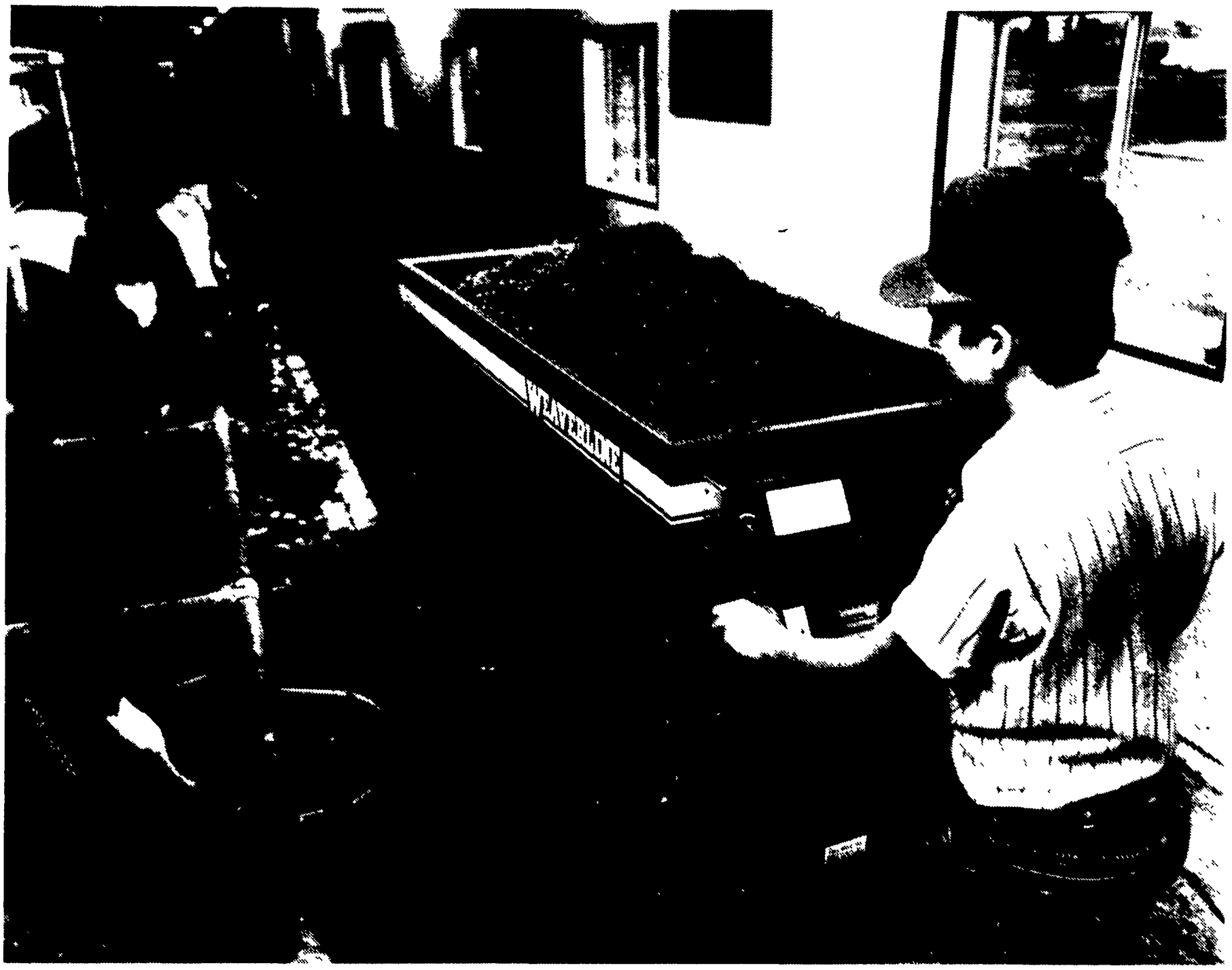
Stop By Our Booth At Ag Progress Days

Atlantic
LIVESTOCK SERVICES
BREEDERS COOPERATIVE

1575 Apollo Drive Lancaster, PA 17601

Toll-Free 24-Hour Phones
PA (800) 732-0391
DE, MD & NJ (800) 233-0216
Lancaster area 569-0411

MEMBER NAL AFFILIATED BREEDERS
APPROVED BY CERTIFIED SEMEN SERVICES



Put the smooth-running power of hydrostatic drive to work in your dairy feeding operation!

Now, make feeding chores easier than ever with the Series IV battery-powered transport cart from Weaverline. Because now every Series IV features durable hydrostatic drive as standard equipment.

With hydrostatic drive just a flick of the wrist lets you select any traveling speed in either forward or reverse—eliminates annoying gear shifting. And with fewer moving parts there's less to go wrong. In fact, since we introduced hydrostatic drive over a year ago there has been virtually no maintenance required. Which means the chances of you facing hungry mouths to feed with a cart that won't run are effectively minimized. And since the Series IV is battery-powered, your cows aren't subjected to a noisy engine with unpleasant exhaust fumes in their feeding areas.

The Series IV makes feeding a snap. Just load it full. Press the hydrostatic control lever. And you're on your way to feed silage or haylage. Drop-in the ingenious baffle and you can even feed high-moisture corn. The variable speed discharge system deposits feed right where you want it. With the Series IV you're in complete control.

And the Series IV features an advanced charging system developed by Weaverline technicians that actually helps extend battery life. You'll also find a re-designed dashboard to show you at-a-glance the condition of the power system and help you schedule proper maintenance. There's even a handy discharge door to keep feed in the cart during loading or transport, and flips open to feed.

If you'd like to simplify your dairy feeding operation see your local Weaverline dealer for a Series IV demonstration. There's a size just right for you. Or for more information write Weaverline Corp, Churchtown, PA 17555.

WEAVERLINE
Mobile feed-transport systems

See Us At
AG PROGRESS DAYS
August 21, 22, 23
West 10th Street, State College

RYDER SUPPLY CO.

P.O. Box 219
Chambersburg, PA 17201-0219
Phone 717-263-9111

MAILBOX MARKET

For Sale 1200 bushel round wire corn crib $400 00, Samuel I Esh E Newport Rd , Gordonville, ½ mile E of Intercourse

For Sale - Concrete silo about 15'x30' $995 Cambria Co 814-487 5139

For Sale - F163 Continental 12 gal min wickers Hyd pump ACC for forklift -or Lincoln welder Bucks Co 215-794-8621

For Sale - If you want inexpensive firewood, cut to your specifications, call Kenny, Berks Co (717) 933-4430, call promptly

For Sale - Straw-300 bales wheat, 175 bales barley $600 at barn Harford Co., 301-692-2838 after 9:00 p m

For Sale - Pair of Firestone gum dipper turf tires (6 ply), 16.9-24 Good cond , $300.00 Adams Co 717-677-6760.

For Sale - Extracted honey at $10.25 a gal John M Martin R1 Denver, Pa 17517 at Fivepointville, N E 1st farm

For Sale JD 1209 haybine cut less than 100 acres Like new cond , $4200 York Co 717-244-9369

For Sale - Goat kids from good milkers Does $30 Buck $20 Also, small woodstove Lanc Co 717-665-7366

MAILBOX MARKET

For Sale 318 grinder for NI picker, 1959 Olds super 88 for parts, Porch posts & banister, Dau Co 717-367-2033

For Sale - 1974 Chev truck, 17' stake dump bed $8000 NH 600 grain dryer w/2 motors $1400 Perry Co 717-444-3968

For Sale - 1976½ Terry Travel Trailer 24½' sleeps 9, air, awning & reese hitch. Garage kept $5000 Frank Co 717-762-5005

For Sale - 24 ft NH elevator good cond , Elmer K. Esh 2874B Stumptown Rd , Ronks #1, Pa. 17572

Notice - For Trade - AKC German Shepard pup, male or female, for your AKC German Shepard male pup. Lanc Co 717-354-4625

For Sale - McDeering #7 cutter, big brown 13 yr old work horse Jonathan E Fisher 133 Buckwalter Rd , Lanc , Pa 17602

For Sale - 600 used tomato baskets Amos S Fisher Run Road Box 57, Rt 1 Christiana, Pa 17509

For Sale - Firewood $35 per pickup load Lanc Co 717-656-6397

Wanted - 4" thin wall tubing 1/8 wall vertical milling machine, Prefer Bridgeport internal keyway broach machine Lanc Co 717-354-5060

MAILBOX MARKET

For Sale 3 piston, high pressure washer pump, $75 00 Lanc Co (717) 733-8528

For Sale - '81 Honda CR-250 motocross $800 00, '80 Artic-cat El Tigre 500 c c $1500 00, Never abused York Co 717-235-4106

For Sale - Saddle bred driving horse, about 10 yrs old, $650 David L Fisher, South Cherry Lane, Ronks, Pa 17572

For Sale - Last yr certified tyler seed wheat, speedy 1200 bu corn crib 6 yr old 12' JD harrow w/hyd 215-445-5085

For Sale - Ford 1 row (601) side mounted corn picker also 15 disc M H grain drill Working cond , Berks Co 215-589-4048.

For Sale - 20 Springing Heifers due Sept & Oct large, raised from own herd After 8 p m Susq Co (717) 278-2517

For Sale - At Pomana grange sale, Leesport, Pa , 8-18-84, 1956 Buick 2 Dr H T Owner has 2nd car for parts

MAILBOX MARKET

For Sale 335 gallon ice bank milk tank in running order also belt pulley for 4010 JD, Somerset Co , 814-629-6034

For Sale - Select Shropshire yearling rams, aged ewes, ewe lamb D'Ampra & Shepard bloodlines, Leb Co 717-949-3653

For Sale - Model 1816 Case skid loader w/bucket & forks Like new, Somerset Co , 814-267-5263

For Sale - 1983 townhouse mobile home beautiful lots of extras Also 1975 AMC Matador stationwagon both negotiable Berks Co 215-488-7212

For Sale - Winter onions (scallion) Sch Co call for details, 717-668-1174

For Sale - 16' tri hold fiberglass boat trail & w/60 HP Johnson runs nice reasonable $1,500 00 Berks Co (215) 589-5613

For Sale - Used carriage Elmer Stoltzfus Mill Hall, RD 1 Box 278A, Pa

MAILBOX MARKET

For Sale - Dairy goat milking equipt , modified DeLaval can milker w/2 Surge vacuum pumps, PVC line, $500 Adams Co (717) 642-8195

For Sale - Farmall Tractor parts, Governor kit, C, 200, 230, 240, $25 00 Engine sleeve set, 560, 660 gas, $25 00 Carroll Co , 301-775-2849

For Sale - Border collie pups no papers $75 00 Northern Harford Co , Phone Mike at 301-557-8379

For Sale - 10 yr black mare mule, iron kettle & furnace front Christian Reiff East Earl, R#1 Box 281, Pa 17519

For Sale - 9 new double-edged knives for N.H S717 forage harvester, 300 gal plastic spray tank Frank Co (717) 532-5923

For Sale - Bay mare work horse, steady lead horse Samuel M Stoltzfus Box 330-A RD #1 Christiana, Pa 17509 Lower Valley Rd

MAILBOX MARKET

Wanted - Crimper/Cracker or roller mill, small to medium size, good working condition & reasonable Carroll Co , Md 301-848-9394

For Sale - 24' elevator $100.00, cord wood saw $40 00, battery fence charger 6 volt $15 00, Berks Co 215-488-7423

For Sale - Reg Nubian yearling milker $125.00, doe kid $50 00, health papers Mini Lop and Satin rabbits. Whitehall, MD 301-343-0026

For Sale - Used Eqpt 30" fans, 36" cabinet fans, elec feed cart, egg carts, egg room cooler Lanc Co 717-733-6804.

For Sale - Complete rear end & transmission for Oliver 70 tractor no wheels, North Co (717) 742-3183

For Sale - JD 100 stacker & 100 mover in exc cond , made less than 300 stacks, Mifflin Co , (717) 899-7409

Wanted - 1949 to 1953 Chevy panel truck good body eng need not be York Co. 717-456-5484

MAILBOX MARKET

For Sale - Fox Single ram chopper $425, IH fast hitch mower $275, 2 purebred August bulls Centre Co 814-364-9926

For Sale - Inter 915 D hydro corn-soybean Special - Six row corn head & 13 ft grain head Centre Co 814-237-3788

Wanted - Crankshaft for Ford 6000 commander diesel farm tractor, No C3NN6303B or tractor for parts (814)-472-5461

For Sale - Full size box spring & mattress Good cond , $50 Chester Co , Chatham, PA 215-869 3164.

For Sale - Thorough bred/Arab 15.3 mare 4 yr old gray, good disposition exc hunt or show b o Cecil Co. 301-658-6742

For Sale - Nubian goats Milking doe, bred, $75 00 4 mth. old doe kids, $50 00 ea Sch Co., 717 648-4484

For Sale - 18 4-38 tractor tire 50% tread Has break, $50 00, 9-36 tractor tire & tube Tube $25 00 Juniata Co (717) 527-4870.

HOULE • Liquid Manure Pumps • ELECTROMIX • Barn Cleaner Chains

WIC • Bedding Choppers • Silage Carts • Manure Tanks

US AGRI-SYSTEMS 800-222-2948 (301-398-2948) local • Free Stalls • Self-Locking Panels • Comfort Stalls • Gutter Grates

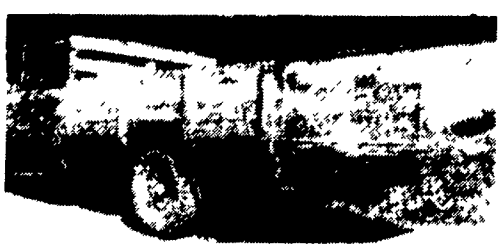
Available From McMILLEN BROS. (717) 789-3961

Also See Ad On Pages B24 & 25

SUGAR VALLEY WELDING SHOP

LOGANTON, PA 17747

PH: (717) 725-3882 Between 7 AM And 7:30 AM Only



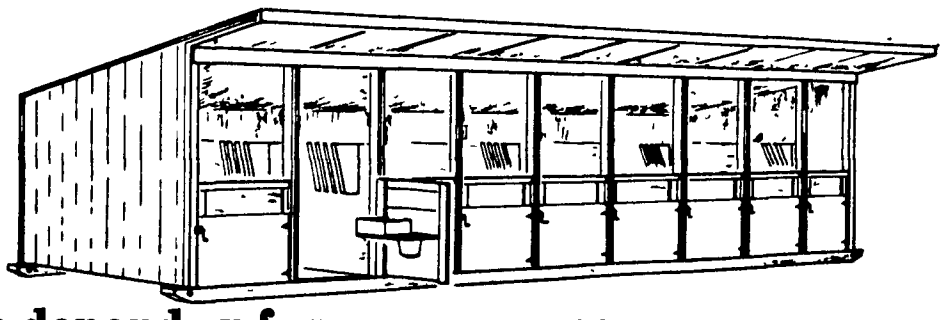
Replacement pickup beds, installed, 6'6" wide x 8' long. All treated lumber on truck bed. Guaranteed 30 years. Swing down endgate. Bumper, lights & trailer hitch included & installed.

New utility trailers w/ or w/o lights, any size up to 18', single or tandem axle, larger sizes by order.

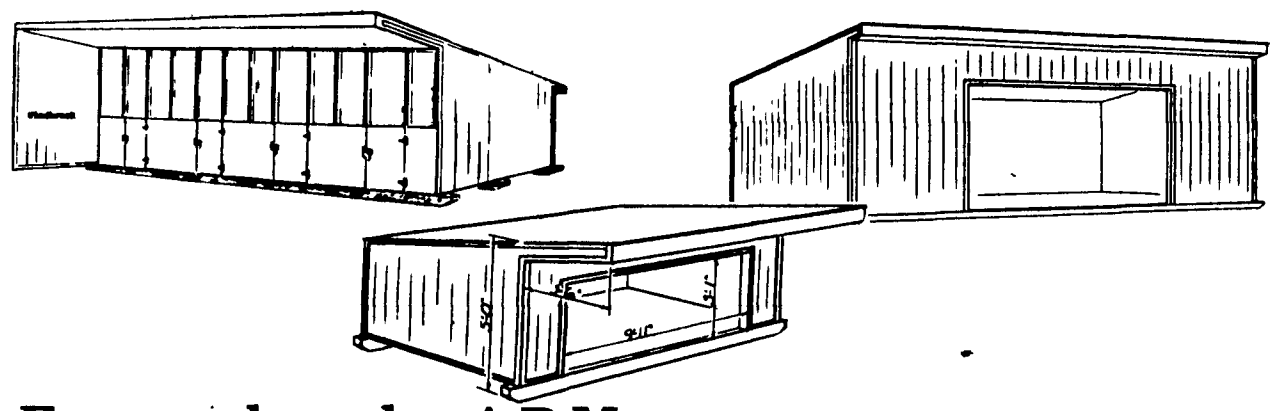
- Used heavy duty 8'x16' tandem axle trailer w/5' beaver tail and pintle hook
- Custom-built truck beds w/ hydraulic dump, racks or side boards, metal or wood floors and sides

A.P.M. Salutes Pennsylvania's #1 Industry!

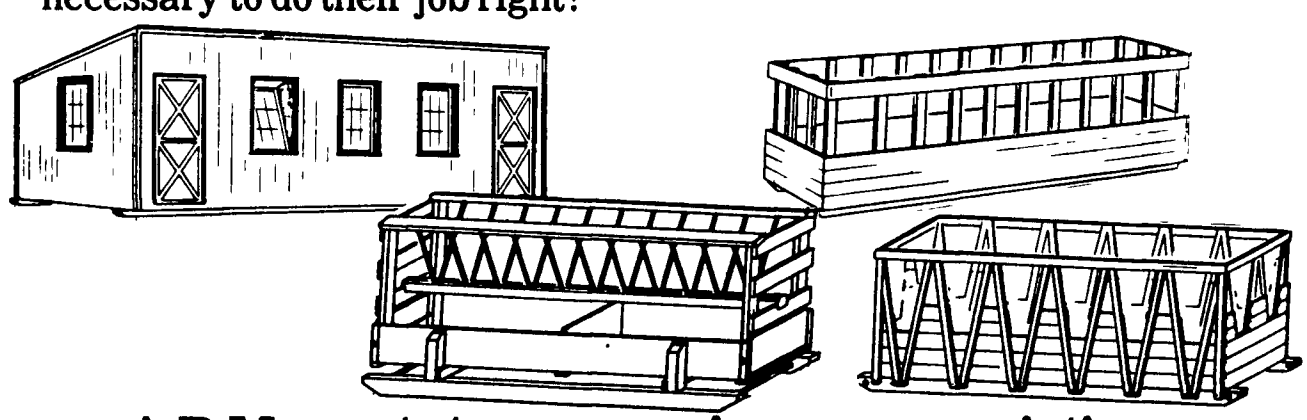
Allensville Planing Mill Realizes That Farming Is Pennsylvania's #1 Industry!



People depend on farmers to provide the meat, dairy products, and vegetables necessary for good nutrition and health!

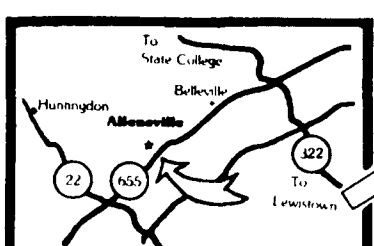


Farmers depend on A.P.M. for all the agricultural products necessary to do their job right!



A.P.M. wants to express sincere appreciation to the men and women in agriculture for their long hours and total dedication!

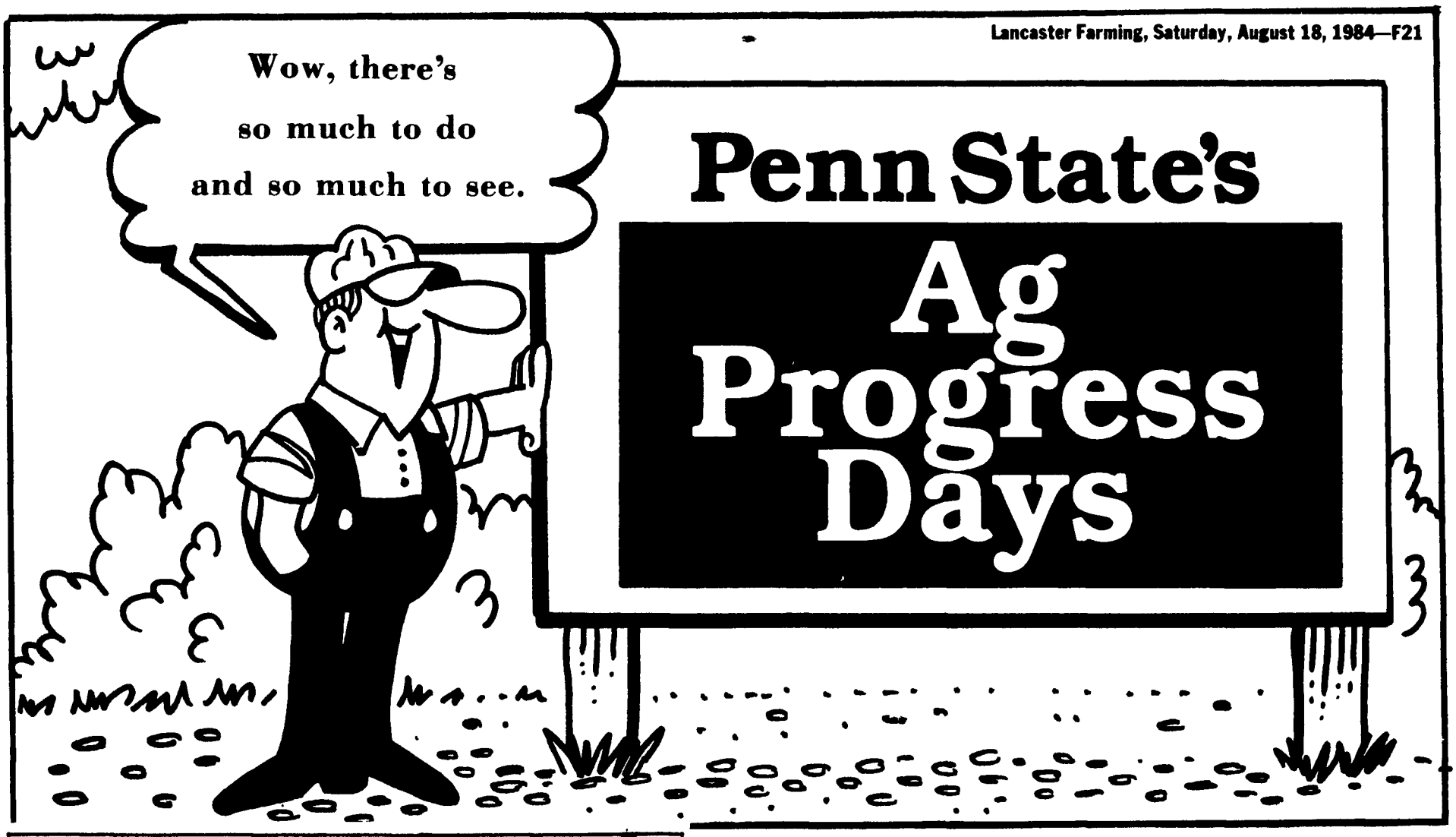
See our display during Ag Progress Days featuring quality products designed with you in mind! Located on West 1st St.



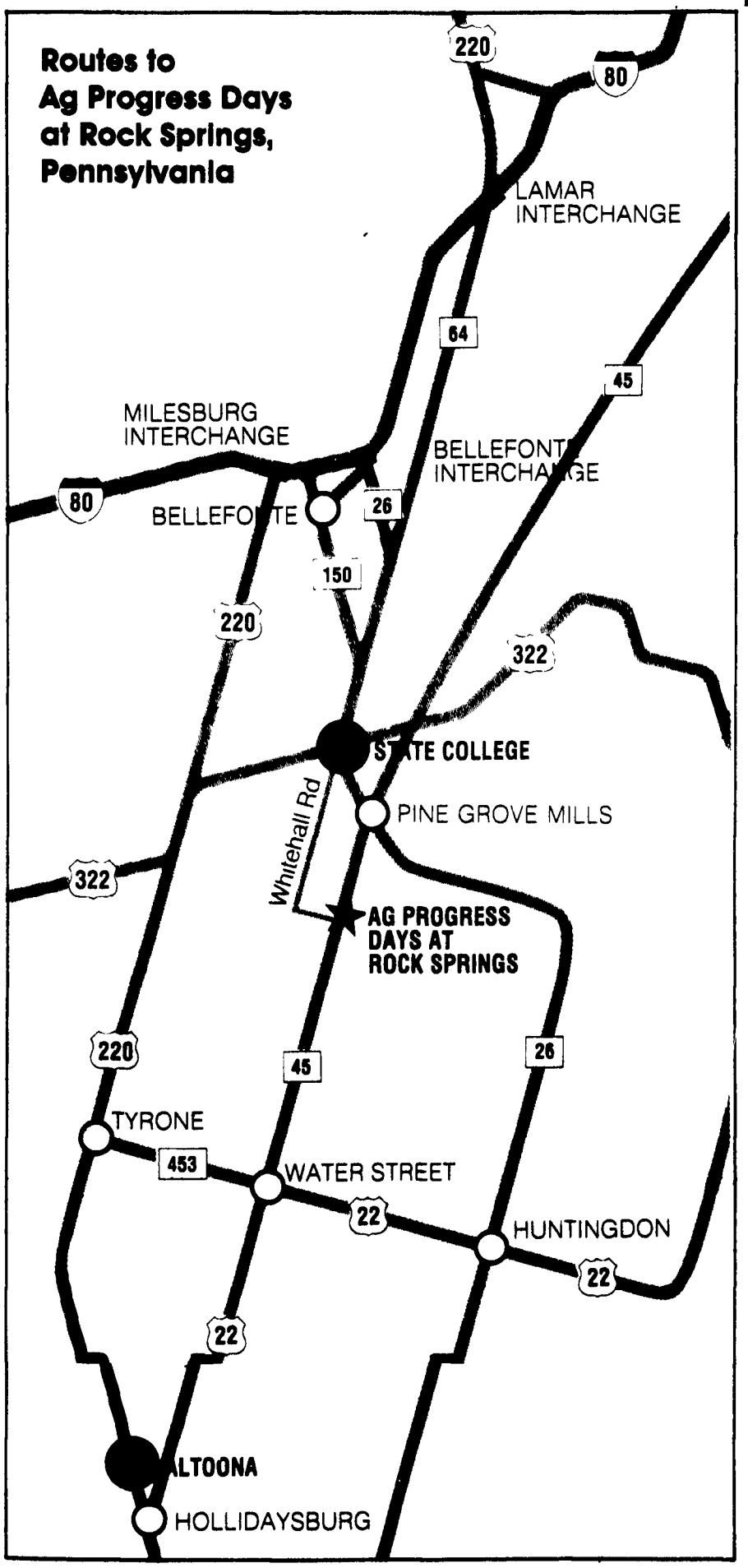
Main St. Allensville
Phone (717) 483 6386
Hours 7 to 5 Sat 7 to 2

Allensville Planing Mill INC

True Value HARDWARE STORE



Penn State's Ag Progress Days



What's happening:

Machinery demos -

10:30 a.m. - primary tillage

11:30 a.m. - secondary tillage

12:30 p.m. - corn chopping

1:45 p.m. - conservation planting

2:30 p.m. - hay mowing, raking

3:30 p.m. - hay baling

Conservation tours -

Conservation research area tours leave each day from 11 a.m. to 3:45 p.m.

Research plot tours -

Tour buses leave every 20 minutes between 10 a.m. and 3 p.m. from top end of Main St.

Ask specialist -

Check your problems with Penn State ag faculty experts and bring samples to plant disease clinic.

Dairy & livestock-

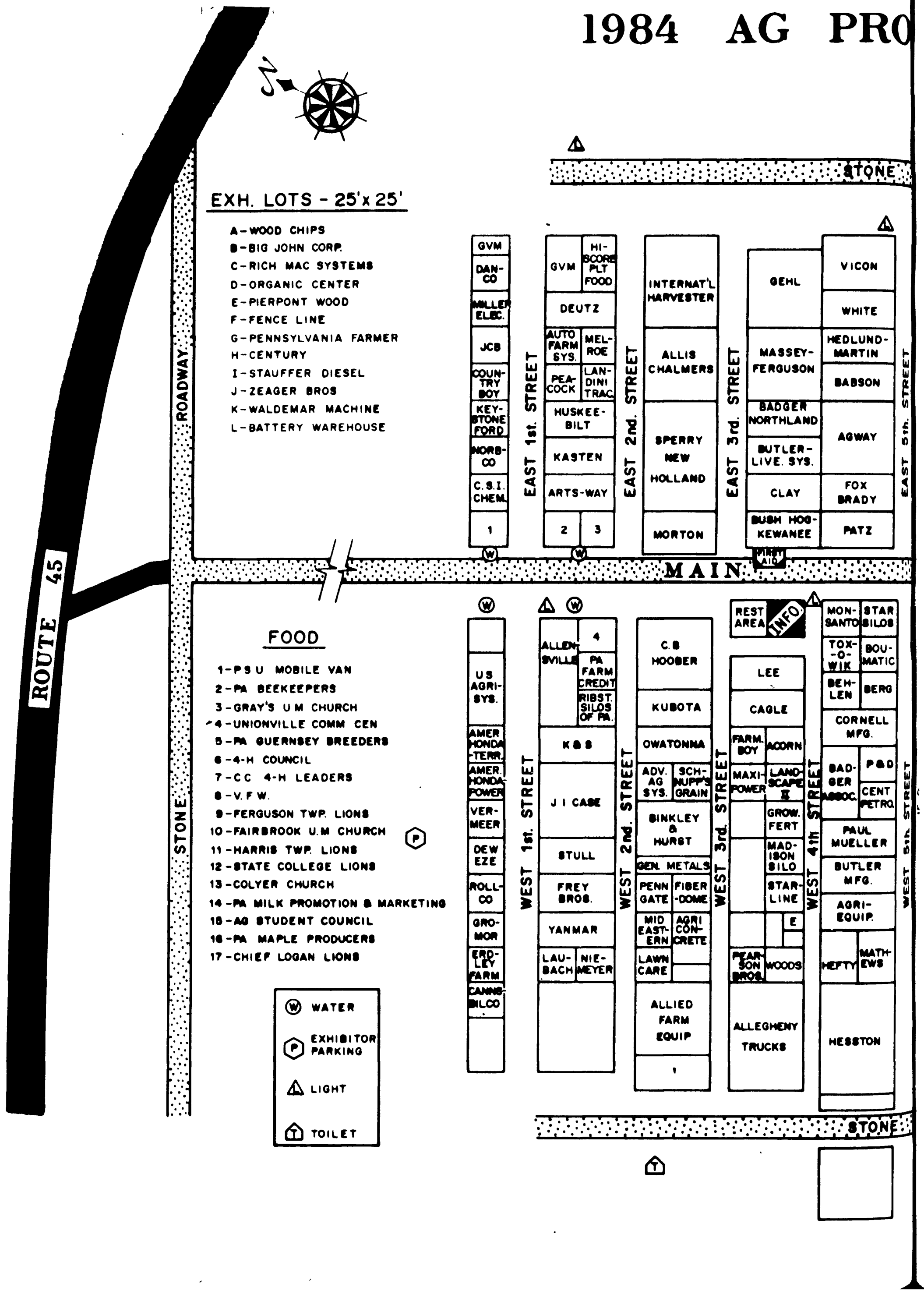
Quality milk demonstrations slated three to six times an hour. Animal and poultry health to be stressed.

Safety -

Lightning protection and personal health testing are featured.

(Turn to Page F28)

1984 AG PRO

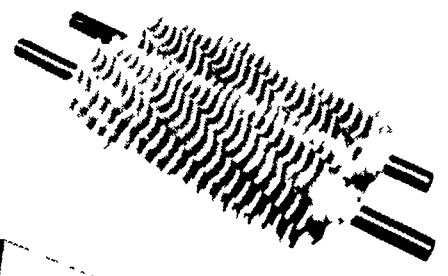

N
EXH. LOTS - 25'x 25'
A-WOOD CHIPS
B-BIG JOHN CORP.
C-RICH MAC SYSTEMS
D-ORGANIC CENTER
E-PIERPONT WOOD
F-FENCE LINE
G-PENNSYLVANIA FARMER
H-CENTURY
I-STAUFFER DIESEL
J-ZEAGER BROS
K-WALDEMAR MACHINE
L-BATTERY WAREHOUSE
ROUTE 45
ROADWAY
STONE
STONE
MAIN
EAST 1st. STREET
EAST 2nd. STREET
EAST 3rd. STREET
EAST 5th. STREET
WEST 1st. STREET
WEST 2nd. STREET
WEST 3rd. STREET
WEST 4th STREET
WEST 5th. STREET
GVM
DAN-CO
MILLER ELEC.
JCB
COUN-TRY BOY
KEY-STONE FORD
NORB-CO
C.S.I. CHEM.
1
GVM
HI-SCORE PLT FOOD
DEUTZ
AUTO FARM SYS.
MEL-ROE
PEA-COCK
LAN-DINI TRAC.
HUSKEE-BILT
KASTEN
ARTS-WAY
2
3
INTERNAT'L HARVESTER
ALLIS CHALMERS
SPERRY NEW HOLLAND
MORTON
GEHL
MASSEY-FERGUSON
BADGER NORTHLAND
BUTLER-LIVE. SYS.
CLAY
BUSH HOG-KEWANEE
VICON
WHITE
HEDLUND-MARTIN
BABSON
AGWAY
FOX BRADY
PATZ
FIRST AID
FOOD
1-P S U MOBILE VAN
2-PA BEEKEEPERS
3-GRAY'S U M CHURCH
4-UNIONVILLE COMM CEN
5-PA GUERNSEY BREEDERS
6-4-H COUNCIL
7-C C 4-H LEADERS
8-V. F W.
9-FERGUSON TWP. LIONS
10-FAIRBROOK U.M CHURCH
11-HARRIS TWP. LIONS
12-STATE COLLEGE LIONS
13-COLYER CHURCH
14-PA MILK PROMOTION & MARKETING
15-AG STUDENT COUNCIL
16-PA MAPLE PRODUCERS
17-CHIEF LOGAN LIONS
P
W WATER
P EXHIBITOR PARKING
LIGHT
T TOILET
US AGRI-SYS.
AMER HONDA-TERR.
AMER. HONDA POWER
VER-MEER
DEW EZE
ROLL-CO
GRO-MOR
ERO-LEY FARM
CANNS SILCO
ALLEN-SVILLE
4
PA FARM CREDIT
RIBST. SILOS OF PA.
K & S
J I CASE
STULL
FREY BROS.
YANMAR
LAU-BACH
NIE-MEYER
C.B HOOBER
KUBOTA
OWATONNA
ADV. AG SYS.
SCH-NUPP'S GRAIN
BINKLEY & HURST
GEN. METALS
PENN GATE
FIBER-DOME
MID EAST-ERN
AGRI CON-CRETE
LAWN CARE
ALLIED FARM EQUIP
REST AREA
INFO.
LEE
CAGLE
FARM. BOY
ACORN
MAXI-POWER
LAND-SCAPE II
GROW. FERT
MAD-ISON SILO
STAR-LINE
E
PEAR-SON BROS.
WOODS
ALLEGHENY TRUCKS
MON-SANTO
STAR SILOS
TOX-O-WIK
BOU-MATIC
BEH-LEN
BERG
CORNELL MFG.
BAD-GER ASSOC.
P & D
CENT PETRO.
PAUL MUELLER
BUTLER MFG.
AGRI-EQUIP.
HEFTY
MATH-EWS
HESSTON

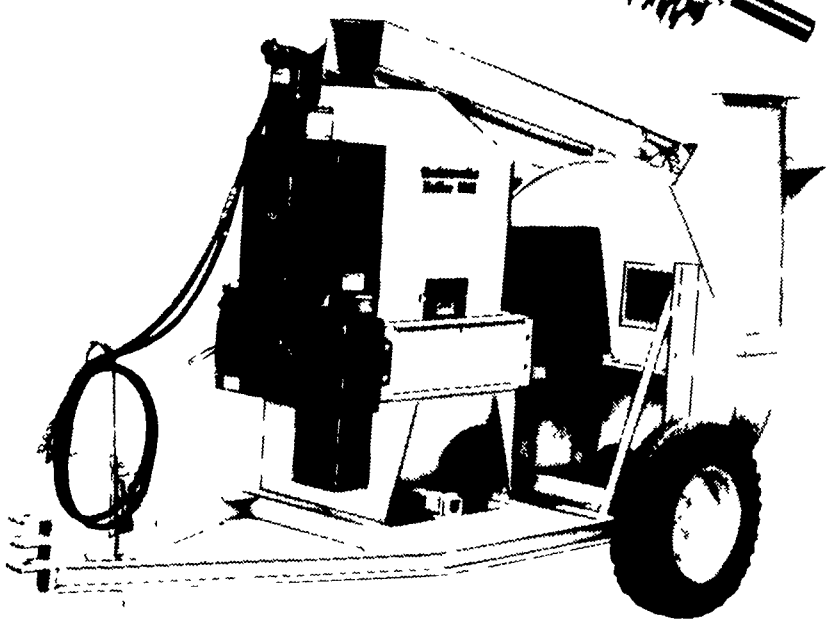
Automatic

Automatic Offers A Complete Line Of Mills, All With Exclusive Features

- BIG CAPACITY
- LOW HORSEPOWER
- MAGNETIC GRATE
- SELF-CLEANING
- NO SCREENS
- NO DELAYS

AUTOMATIC EARCORN MILLS





AUTOMATIC MILLS

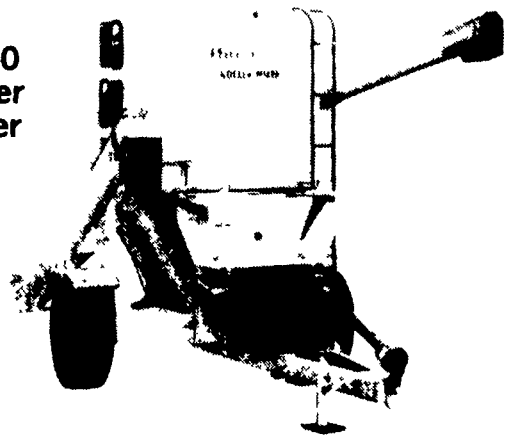
No Other Ear Corn Mill Stands Up To Automatic

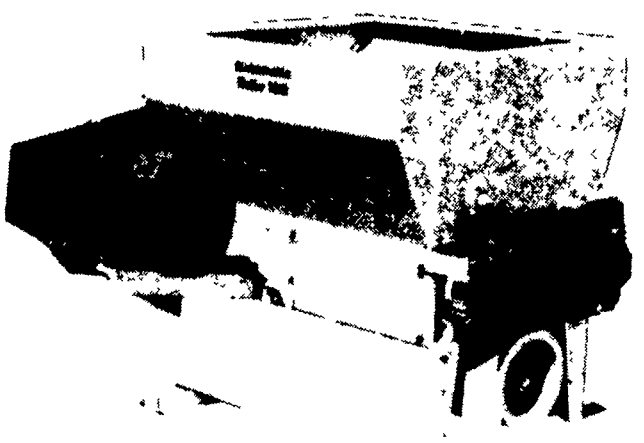
- Exclusive Husks Shredder
- Lifetime Guarantee On Rolls
- No Plugging
- Rock Solid Construction

Better Feed At Low Cost

- No Dusty Hammers
- Nutritious Roughage
- More Milk Per Cow
- Modular Construction

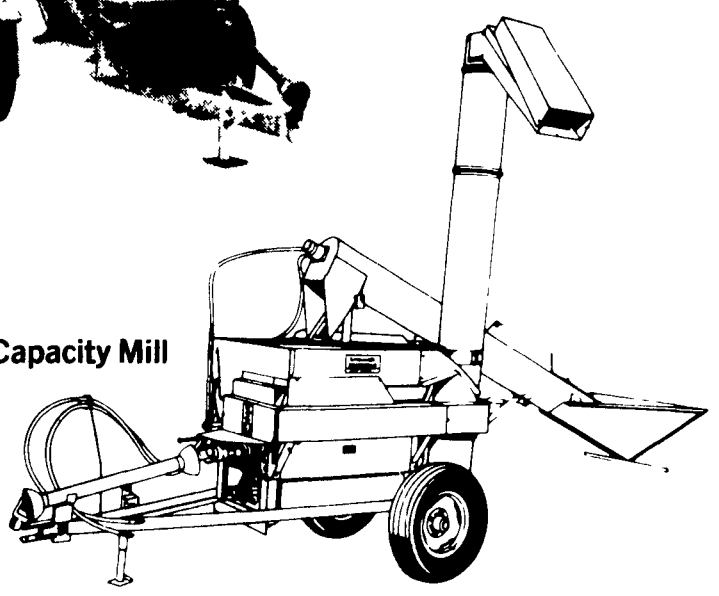
9450 Roller Mixer



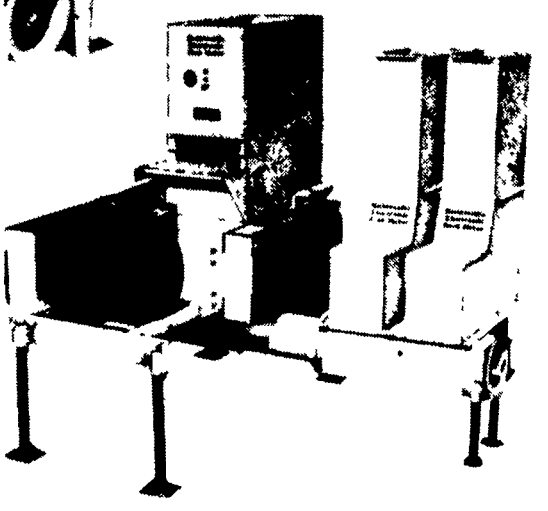


400 & 600 Roller Mill

Big Capacity Mill



Feed Processing Center



AUTOMATIC—Profit-Minded People Are Making The Switch TO AUTOMATIC ROLLER MILLS

See Us At
AG PROGRESS DAYS
Aug. 21, 22, 23

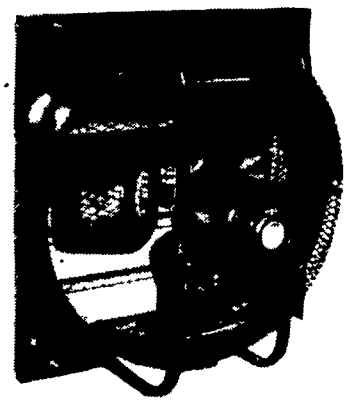
RYDER SUPPLY CO.

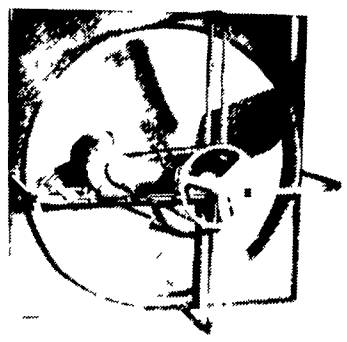
P.O. Box 219
Chambersburg, PA 17201-0219
Phone 717-263-9111

LEISS MANUFACTURING

VENTILATION EQUIPMENT For The Farm

Wall and Ceiling Mount

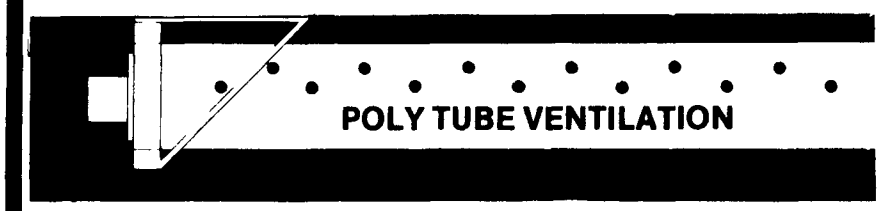




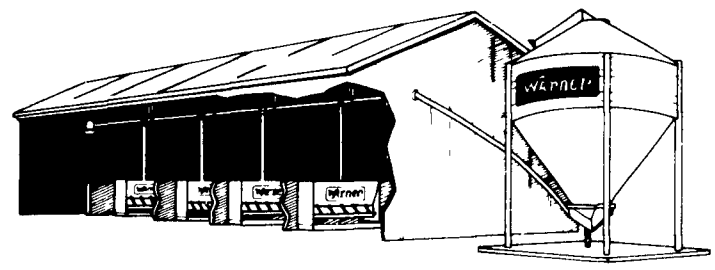
12 to 24 inch Direct Drive Fans

24 to 36 inch Belt Drive Fans

- Completely automatic, fully assembled, ready to operate.
- Heavy gauge corrosion resistant aluminum fan blade.
- Extra sturdy, corrosion resistant, pointed steel frame.



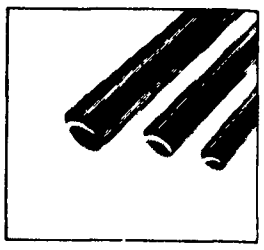
HOGS - POULTRY - DAIRY

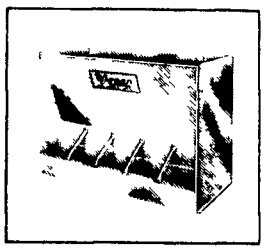


Flex-Flo delivers feed and savings

Cut your livestock feeding costs with Warner's custom engineered Flex-Flo feed delivery systems. Flex-Flo automatically delivers from 1000-6000 pounds per hour of clean, dry feed up to 300 feet from the bin. The specially formulated corrosion-proof PVC tubing provides maximum flexibility and quiet, rust-free operation.

A Flex-Flo system that meets your operation's needs can be engineered using Warner's array of modular components, all designed for convenient assembly and long life. To find out more about how Flex-Flo systems can deliver bigger profits for you, call or write today.



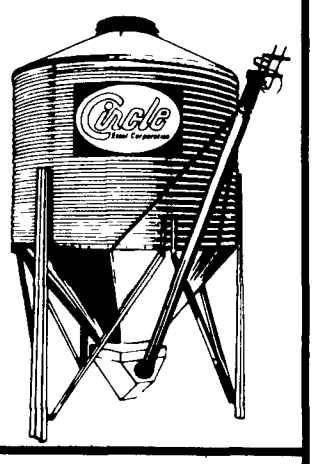


Warner

ASK FOR LONG LIFE BY NAME...

Circle Steel Corporation

Bulk Feed Tanks

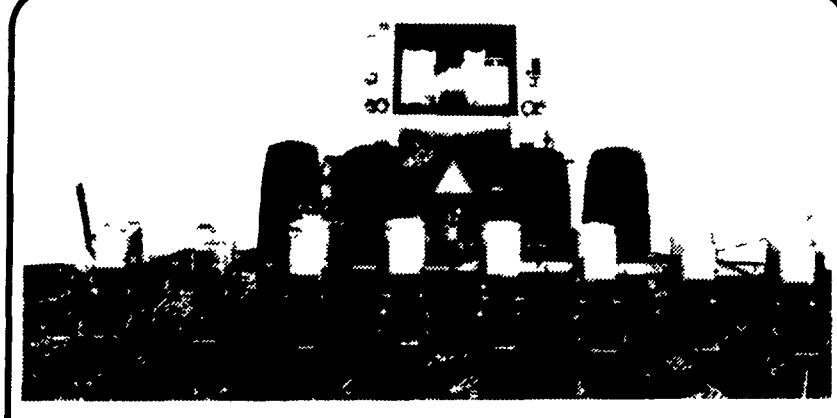


PICK A NAME

- ☐ NO TILL
- ☐ CONSERVATION TILLAGE
- ☐ RIDGE PLANT
- ☐ DOUBLE CROP
- ☐ TILL PLANT
- ☐ SLOT PLANT
- ☐ ECO FALLOW
- ☐ MINIMUM TILLAGE

THEN PICK *Buffalo*

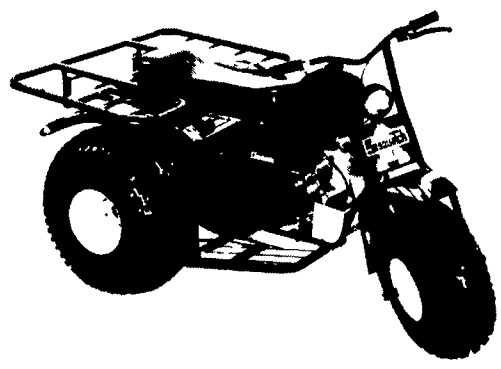
Buffalo is best for all . . . the first name in conservation tillage. The Buffalo system has been saving fuel, time, money and soil for over 20 years. We can show how you can save up to $25 per acre while getting the same or better yields. With Buffalo you get proven performance, plate or plateless planting, pull-type or 3-point hook up . . . superior planting with minimum horsepower requirement. In 4, 6, 8 or 12 row units. The Buffalo Conservation Tillage System from Fleischer Mfg. is "the way to go".



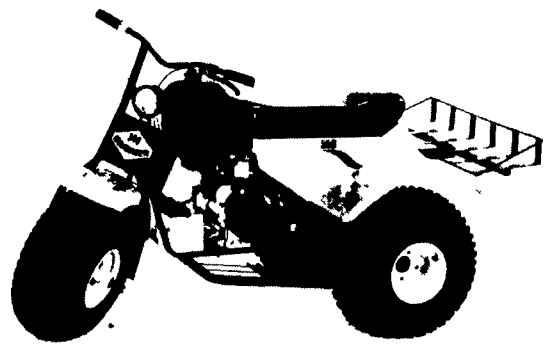
BUFFALO TILL PLANTER
BUFFALO SLOT PLANTER

• SPECIAL NOTE •
• Daily "Conservation Planting" Demonstration - 1:45 PM •

COMMUTER



1984 SASQUATCH
COMMUTER



1984 GRANGER
BUILT in THE U.S.A.
FOR THE AMERICAN FARMER

Sasquatch Model Now Available
With Optional Reverse Gear

●●●●●● COMPU… DAIRY E…

Yes! We can show you how it…s … Management…re

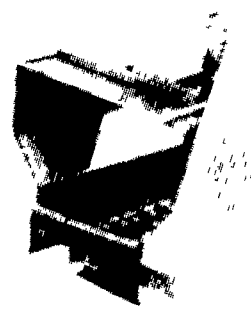
Efficient Feeding…Hig…

So, w… n…

Flexibility
Efficiency
Experience
Durable
Easy to operate
Money-saving

Ask your "Ryder" Repres…ati…

BONITA Fee… are built fo…e and con…e…



Fill your needs…w high capacit…h single chain fe…d

See These And Other Fine Products At Our AG PROGRESS DAYS Display
• Located off West 10th or West 11th Streets in the Exhibition Area •
AG PROGRESS DAYS, AUGUST 21, 22, 23

We Look Forward To Seeing You!

MAYRATH INDUSTRIES, INC.

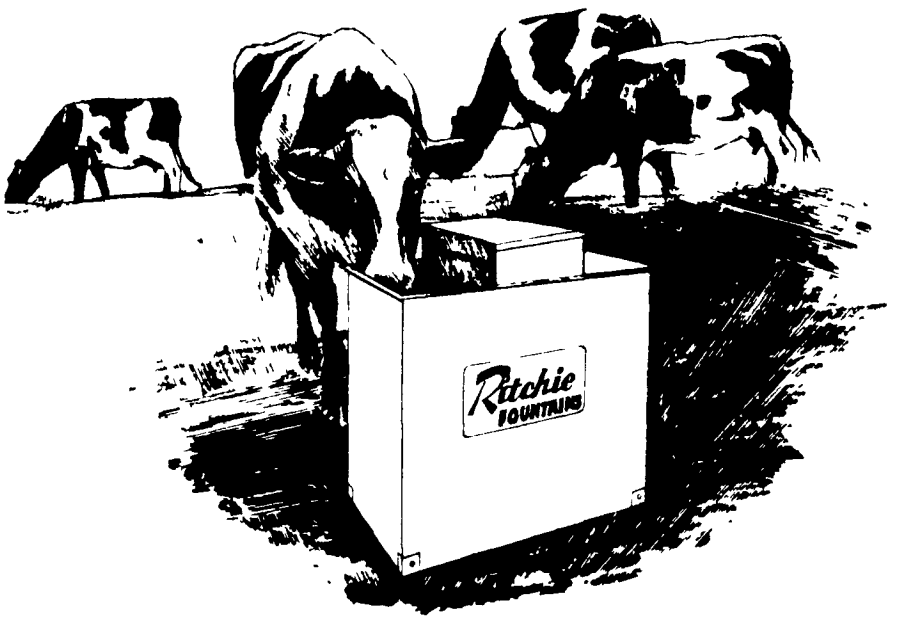
WORKING HARDER... SO YOU WON'T HAVE TO!

8" & 10" SWING AWAY AUGERS

Designed to SAVE You Time and Money.

- ONE PERSON CAN POSITION FROM TRACTOR SEAT
- DIRECT DRIVE ELIMINATES MANY WEAR POINTS
- HYDRAULIC LIFT POSITIONS AUGER MUCH FASTER THAN TIME CONSUMING HAND CRANKING

There's always water for your dairy cows.



No matter the weather, you can count on Ritchie Cattle Fountains.

Reliable... rugged...

Ritchie®

ERIZED ..... EEDING

w it ys to make your Dairy Herd ent re efficient!

ing Higher PROFITS

, w not...

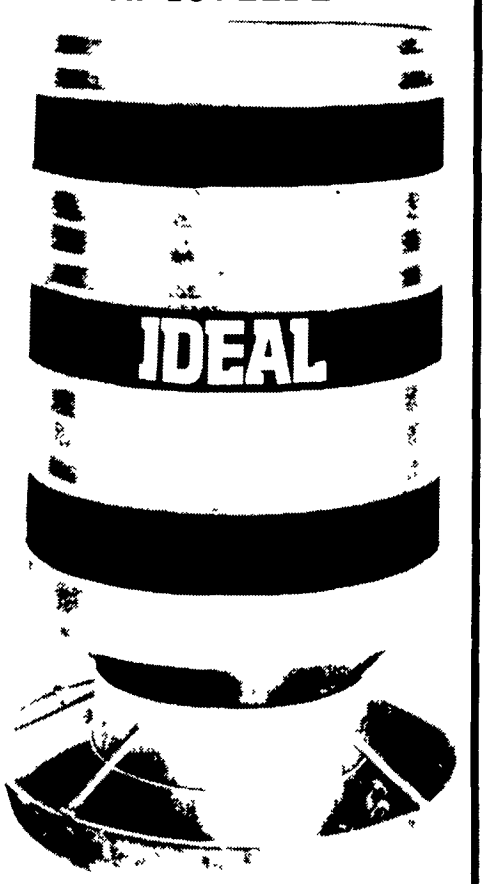
Comprehensive
Lower cost
Accurate
Simple to install
Service

ative for a demonstration!

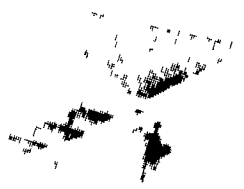
MF3 MINERAL FEEDER

IDEAL® Livestock Equipment

HF 16 FEEDER



ee Conveyors
fo endurance
n enience



ds with BONITA
it heavy duty
fed conveyors

The Best and Largest Line of Specialties Available Anywhere

• SELECTIVE FEEDING
- [ ] Computer controlled dairy feeding
- [ ] Zenith Farm Management System

• MANURE HANDLING.
- [ ] OIL MATIC Hydraulic Transfer Pumps
- [ ] H D Chain Barn Cleaners
- [ ] Hook and Link Chain
- [ ] AGROMATIC Cable Barn Cleaners
- [ ] Vacuum & Slinger Manure Spreaders
- [ ] Agitator/Filler Pumps
- [ ] Pit Prop Manure Agitator

• POWER FEEDING.
- [ ] WEAVERLINE Powered Silage Carts
- [ ] New WEAVERLINE Stainless Steel Cart
- [ ] ROTO FEEDERS (Lazy Susan)
- [ ] Stainless Steel Shaker Feeders

• SELF FEEDING
- [ ] IDEAL Round Cattle Feeders
- [ ] IDEAL Hog Feeders
- [ ] Fiberglass Push Silage Cart
- [ ] Mineral & Salt Feeders
- [ ] CIRCLE Bulk Storage Bins (3 50 Tons)

• AUTOMATIC
- [ ] Earcorn Blower Mill
- [ ] Low Profile Mill
- [ ] Feed Processor
- [ ] Roller Mixer
- [ ] Supplement Meter
- [ ] Dump Scales
- [ ] Micro-Mist Sprayer
- [ ] Porta-Mister

• MY-D-HAND-D.
- [ ] Head Gates
- [ ] Squeeze Chutes
- [ ] Portable Corrals
- [ ] Bale Elevators
- [ ] 3 Pt Bases with Forks
- [ ] Slant Bar Hay Feeders

• LIVESTOCK WATERERS
- [ ] RITCHIE Cattle Waterers
- [ ] RITCHIE Hog Waterers
- [ ] IDEAL Stock Tanks
- [ ] RITCHIE Hog Fount (Stainless Steel Construction)
- [ ] "Morning Dew" Cow Cooler

• SPECIALITIES.
- [ ] KEMLITE Glasbord
- [ ] IDEAL Farrowing Crates
- [ ] IDEAL Tubular Gates
- [ ] Livestock Scales
- [ ] Ornamental Windmills
- [ ] COR-TEC Buildings
- [ ] Bedding Choppers
- [ ] 3-Wheelers

• BARN EQUIPMENT
- [ ] Water Bowls
- [ ] Free Stalls
- [ ] Comfort Stalls
- [ ] Ventilating Systems (Exhaust & Tube)
- [ ] Kozy Komfort Calf Stalls

• SILAGE & GRAIN HANDLING
- [ ] Van Dale Double Auger Silo Unloaders
- [ ] Silage Conveyors
- [ ] (TMR) Mixer-Feeder Wagons
- [ ] Flex Augers
- [ ] 4"-6" Utility Augers
- [ ] CIRCLE Storage Bins
- [ ] CIRCLE Crop Dryers
- [ ] SHIVVERS Inbin Continuous Flow Drying Systems
- [ ] MAYRATH 6" & 8" Transport Augers
- [ ] MAYRATH Double Chain Conveyors
- [ ] MAYRATH 8" & 10" Swing Away Augers

• SOIL CONSERVATION
- [ ] Automatic Soil Mover
- [ ] Buffalo Slot Planter
- [ ] Buffalo Till Planter
- [ ] Buffalo Cultivator

RYDER SUPPLY CO. 8/18/84 LF
P O Box 219
Chambersburg, Pa. 17201-0219
Ph: 717-263-9111

- [ ] Please have a Ryder Rep. phone me
- [ ] Send literature checked above

Name _____

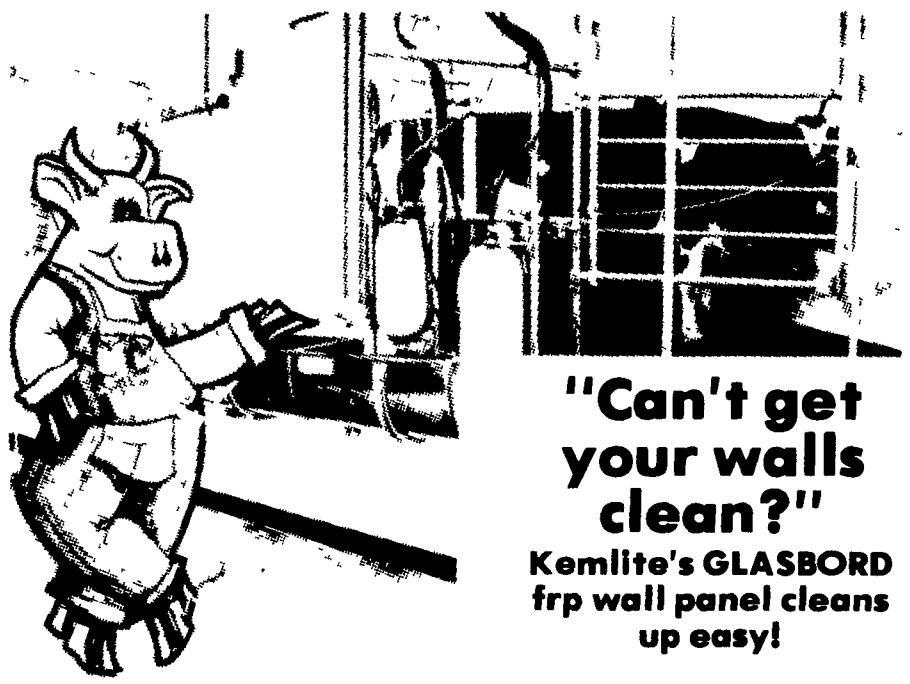
Address _____

City _____ State _____ Zip _____

Phone _____

RYDER SUPPLY CO.

P.O. Box 219
Chambersburg, PA 17201-0219
Phone 717-263-9111



"Can't get your walls clean?"

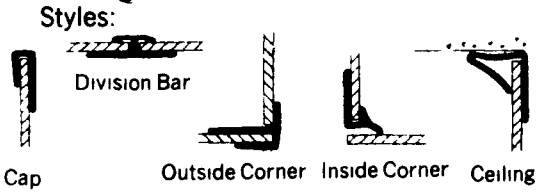
Kemlite's GLASBORD frp wall panel cleans up easy!

- Moistureproof
- Rustproof
- Dentproof
- Shatterproof
- Stain resistant
- Odor free
- Will not rot or mildew
- Cleans simply/ quickly
- U.S.D.A. accepted

Glasbord panel is a tough, semi-rigid wall lining material of fiberglass reinforced plastic — superior to metal and painted finishes. It installs easily in any type construction and is suitable for building new or refurbishing. Available in a variety of sizes, complete with all accessories. Also available with low smoke development, fire retardant properties. Ask about low smoke Fire-X Glasbord paneling.

ACCESSORIES: Vinyl moldings are available. They add to the finished appearance and aid in making a watertight installation

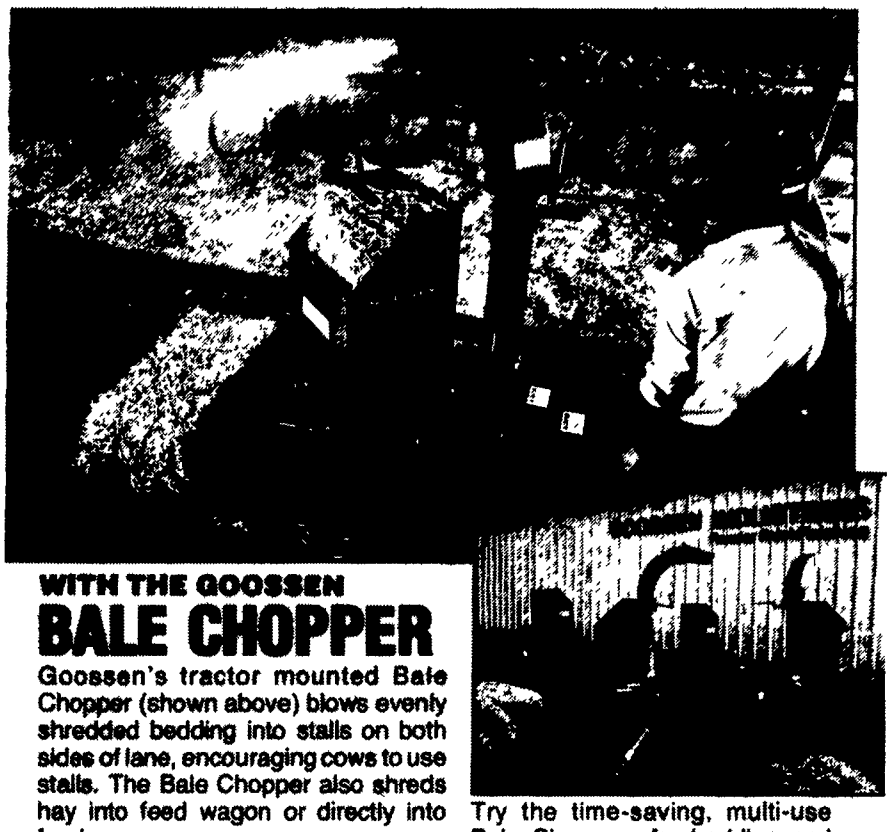
Styles:



DRIVE RIVET

You can expand them into solid furring strips, masonry walls or any other rigid backing

Chop time off bedding and feeding.



WITH THE GOOSSEN

BALE CHOPPER

Goossen's tractor mounted Bale Chopper (shown above) blows evenly shredded bedding into stalls on both sides of lane, encouraging cows to use stalls. The Bale Chopper also shreds hay into feed wagon or directly into feeder.

Four time-saving models
From left to right; electric model for conveyor use, power takeoff model with 180° directional blower, gas model, electric model with blower.

Try the time-saving, multi-use Bale Chopper—for bedding and feed your cows will prefer. Call today for more information.

Goossen INDUSTRIES 927 W COURT • BOX 705 • BEATRICE NE 68310

Automatic

Automatic Micro-Mist Sprayer Controls Droplet Size

The Automatic Micro-Mist Concentrate Sprayer can be powered by the tractor pto for use on row crops, vegetables, orchards, and livestock.

A whole NEW way to SPRAY!

Automatic

PORTA-MISTER

The Porta-Mister goes anywhere and does anything. Use it for spot spraying of livestock, weed control in crops or along roadsides. Spray small fruit trees and shade trees or treat small areas of lawns or gardens. You'll find a lot of ways to make Porta-Mister profitable to own. Mounts on any vehicle which can supply 12-volt power.

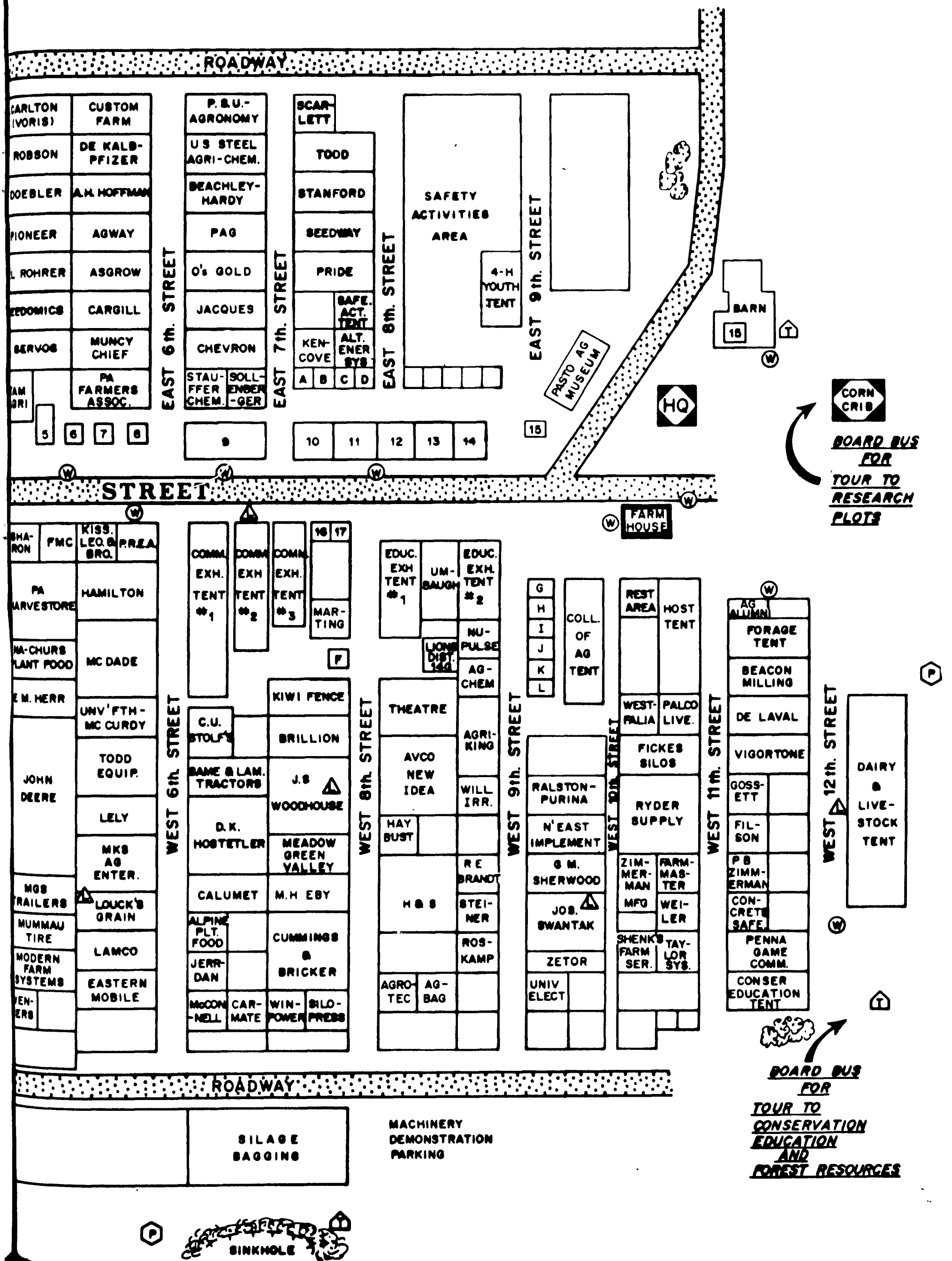
MOUNTS QUICKLY AND EASILY ON OUR SASQUATCH TRIKE!

See Us At
AG PROGRESS DAYS
August 21, 22, 23
West 10th Street, State College

RYDER SUPPLY CO.

P.O. Box 219
Chambersburg, PA 17201-0219
Phone 717-263-9111

GRESS DAYS EXHIBITION AREA



What's happening

(Continued from Page F21)

Forage -

The ever-popular Hay Show singles out the best in forage.

Forest resources -

Woodland tours and the latest in forest management and timber harvesting.

Ag Progress exhibitors-from A to Z

COMPANY	LOCATION
Acorn Equip. Corp.	W4
Advanced Ag. Systems, Inc.	W2
Ag-Bag Corp.	W8
Ag-Chem Equip. Co., Inc.	W9
Agri-King, Inc.	W9
Agri Concrete Products, Inc.	W3
Agri-Equipment, Inc.	W4
Agricol Corp., Inc.	CET3
Agricultural Vendor, Inc.	CET2
Agrotec, Inc.	W8
Agway, Inc.	E6
Agway, Inc.	CET2
Agway, Inc.	E5
Allegheny Trucks, Inc.	W3
Allensville Planing Mill, Inc.	W1
Allis Chalmers Corp.	E2
Alpine Plant Foods, Ltd.	W6
Alternative Energy Systems	E8
American Angus Assoc.	DLT
American Breeders Service	DLT
American Cyanamid Co. - Animal Nutrition and Health	DLT
American Cyanamid Co. - Pesticides	CET3
American Dairy Assoc. and Dairy Council, Inc.	EET1
American Honda Motor Co. - Power Equip.	W1
American Honda Motor Co. - Terrain Vehicles	W1
AMS/Oil	CET2
Anchor Labs., Inc.	DLT
Animal Medic, Inc.	DLT
Aqua Flo	CET2
Arts-Way Mfg. Co., Inc.	E1
Asgrow Seed Co.	E6
Atlantic Breeders Cooperative	DLT
Automatic Farm Systems	E1
Avco New Idea Farm Equip.	W8
Babson Bros. Co.	E5
Badger Associates	W4
Badger Northland, Inc.	E3
The J.E. Baker Co.	CET3
Battery Warehouse	W9
Beachley-Hardy Seed Co.	E6
The Beacon Milling Co., Inc.	W11
Behlen Mfg Co.	W4
Berg Equip. Co.	W5
Big John Corp.	E7
Binkley & Hurst Bros., Inc.	W2
Bou-Matic/Dari-Kool	W5
Bowman Dist.	CET3
Rich Brandt Farm Real Estate	W9
Brillion Iron Works, Inc.	W8
Bush Hog-Kewanee	E3
Butler Livestock Systems	E3
Butler Mfg. Co. - Ag Products	W4
C.S.I. Chemical Corp.	E1
Cagle Mfg. Co., Inc.	W3
The Calumet Co., Inc.	W6
Canns-Bilco Dist., Inc.	W1
Car-Mate Trailers by Pennstyle Campers, Inc.	W6
Cargill Seeds	E6
Carlton Seed Co., Inc.	E5
Carnation Co.	DLT
J.I. Case Co.	W1
Central Chemical Corp.	CET1
Central Petroleum Co.	W5
Centre County Vo-Tech School	EET1
Century Mfg. Co.	W9
Chevron Chemical Co.	E6
Ciba-Geigy	CET2
Clay Equipment Corp.	E3
Clayton Brokerage Co. of St. Louis, Inc.	CET1
Concrete Safety Systems	W11
Cornell Mfg., Inc.	W4
Country Boy Mfg.	E1
Countryside Nursery	CET1
Cummings & Bricker, Inc.	W8
Custom Farm Seed	E6

Exhibitor map key

CET - Commercial Exhibits Tent

DLT - Dairy & Livestock Tent

EET - Educational Exhibits Tent

E - East W - West

Danco Products	E1
De Laval Agric. Div.	W11
John Deere Co.	W5
Dekalb-Pfizer Genetics	E6
The Delmarva Farmer	CET3
Deutz Corp.	E1
Dew Eze Mfg., Inc.	W1
Dickey-John Corp.	CET3
Doebler's Pa. Hybrids, Inc.	E5
Dow Chemical U.S.A.	CET1
Dreamstreet Sires Int'l., Inc.	DLT
Duraco, Inc.	CET3
East Coast Sales Co.	DLT
Eastern Computing Farmers Assoc.	CET3
Eastern Crown, Inc.	CET1
Eastern Milk Producers	CET1
Eastern Mobile Mills	W6
M.H. Eby, Inc.	W8
Glenn & Mike Erdley Farm Equip.	W1
Farm Bureau	DLT
Farmer Boy Ag, Inc.	W3
The Farmer's Friend Newspaper	DLT
Farmmaster, Inc.	W11
Fence Line Co.	W8
The Fertrell Co.	DLT
Fiberdome, Inc.	W3
Fickes Silo Co., Inc.	W10
Filson Livestock Equip. Co.	W11
Flexible Steel Lacing Co.	CET1
FMC Corp., Ag. Chemical Group	W5
FMC Finance Corp.	CET1
Fox Brady Div., Piper Ind., Inc.	E5
Frey Bros. Mfg.	W1
Furst McNess Co.	DLT
Gallagher Spring-Tight Power Fence	CET1
Gehl.	E3
General Electric Co.	CET3
General Metals, Inc.	W2
Gossett Nutrition, Inc.	W11
Gro-Mor Plant Food Co., Inc.	W1
Growers Fertilizer Solutions	W4
GVM, Inc.	E1
H & S Mfg. Co., Inc.	W8
Hach Co.	CET1
Hamilton Equip., Inc.	W6
Hardy Mfg. Co., Inc.	CET2
Haybuster Mfg., Inc.	W8
Hedlund-Martin, Inc.	E5
John Hefty Systems	W4
Helena Chemical Co.	CET1
Helping Hand Computer Services	CET3
E.M. Herr Equip., Inc.	W5
Hesston Corp.	W4
Hi-Score Plant Food Co., Inc.	E2
Hoffman Seeds, Inc.	E6
C.B. Hoober & Son, Inc.	W2
Hostetler Truck Bodies/Trailer	W6
Hotsy Equip. Centre.	CET1
Huskee-Bilt Corp.	E1
E.F. Hutton & Co., Inc.	CET3
ICI Americas, Inc.	CET2
Ideal Instruments/Animark	DLT
Insect Guard, Inc.	CET3
Inter-State Milk Producers' Cooperative	DLT
International Harvester Co.	E2
Jacques Seed Co.	E6
JCB, Inc.	E1
Jerr-Dan Corp.	W6
K & S, Inc.	W1
K-U Farms Inc./Aroostook Valley Seed Co.	CET2
Kasten Mfg. Corp.	E1
Kencove Farms	E7
Keystone Ford Truck Sales, Inc.	E1
Kissinger, Leonard, Brower Realtors	W6
Kiwi Fence Systems, Inc.	W8
Kubota Tractor Corp.	W2
Lamco Mfg. & Dist. Co., Inc.	W6
Landini (Massey Ferguson)	E2
Landscape II.	W4
Laubach Saw Equip. Corp.	W1
Lawn Care Dist., Inc.	W2
Lebanon Chemical Corp.	CET1
R.J. Lee Co.	W3
Lehigh Valley Farmers	CET1
The Lely Corp.	W6
Loucks Grain Equip., Inc.	W6
Madison Silo Co. of Penna.	W4
Mapleleaf Genetics, Inc.	DLT
Marting Mfg., Inc.	W8
Massey-Ferguson, Inc.	E3
Mathews Equip. Co.	W5
Maxi-Power Generator Systems, Inc.	W3
McConnell Mfg. Co., Inc.	W6
C.A. McDade Co., Inc.	W6
Meadow Green Valley, Inc.	W8
Melroe Co.	E2
Metz Sales, Inc.	DLT
MGS Trailers	W5
Mid-Eastern Steel Buildings, Inc.	W2
Milk Marketing, Inc.	CET2
Milk-Rite USA	CET1
Miller Chemical & Fert. Corp.	CET1
Miller Electric Service & Supply	E1
MKS Ag Enterprises, Inc.	W6
Mobay Chemical Corp.	CET2
Modern Farm Systems	W5
Monsanto Co.	W4
Morton Buildings, Inc.	E2
Motorola Communications	CET3
Paul Mueller Co.	W5
Mummau Tire.	W5
Muncy Chief Hybrids.	E6
Na Churs Plant Food Co.	W5
Nedco	DLT
New Holland Supply Co., Inc.	CET2
The Niemeyer Corp.	W2
Norbco Equip.	E1
Northeast Implement Corp.	W9
Nu Pulse America, Inc.	W9
O's Gold Seed Co.	E6
The Office Works Computer Center	CET1
Organic Center	E8
Owatonna Mfg. Co., Inc.	W2
P & D Mfg., Inc.	W5
P A G Seeds.	E6
Palco Livestock Equip.	W11
Patz Co.	E5
Peace Corps	EET1
The Peacock Co.	E1
The Pearson Bros. Co.	W3
Penn Forestry Co., Inc.	CET1
Penn State-Nuclear Engineering	EET2
Penn State-Police Services	EET2
Penn-Gate Sales	W2
Penna. Aggregates & Concrete Assoc.	CET1
Penna. Agric. Safety Council	EET1
Penna. Assoc. of Conservation District Directors	EET2
Penna. Assoc. of FFA, Inc.	EET1
Penna. Beef Council	EET2
Penna. Charolais Assoc.	DLT
Penna. Crop Reporting Service	EET1
Penna. Dept. of Agriculture	EET2
Penna. Farm Credit Assoc.	W2
Penna. Farmer - Circulation	CET2

(Turn to Page F29)

Ag Progress exhibitors

(Continued from Page F28)

Penna. Farmer - Editorial W9
Penna. Farmers Union CET2
Penna. Farmers' Assoc. E6
Penna. Flying Farmers EET1
Penna. Game Commission W11
Penna. Harvestore, Inc. W5
Penna. Holstein Assoc. ..... DLT
Penna. Jersey Cattle Club ..... DLT
Penna. Nurserymen's Assoc. Inc. EET2
Penna. Nut Growers EET2
Penna. Rural Electric Assoc. W6
Penna. Simmental Assoc. ..... DLT
Penna. State Grange EET2
Pierpont Wood, Inc. W4
Pioneer Hi-Bred Int'l., Inc. E5
Pitt Auto Electric Co. CET1
Pride Seed Co. E7
Profitable Breeding Corp. ..... DLT
Ralston Purina Co./Farmtronix W9
Ribstone Silos of Penna. W2
Rich Mac Systems E7
Robson Seed Farms Corp. E5
P.L. Rohrer & Bro., Inc. E5
Rollco Industries, Inc. W1
Roskamp Mfg., Inc. W9
Rubbermaid Agric. Prod. CET2
Ryder Supply Co. W10
Same & Lamborghini Tractors, Inc. W6
Scarlett Co. E7
Schnupp's Grain Roasting, Inc. W3
Seedomics Hybrid Corn Co. E5
Seedway, Inc., Seem Seed Farms Div. E7
Select Sires, Inc. ..... DLT
Servos Seed Corp. E5
Sharon Metal Products, Inc. W5
Shell Chemical Co. CET2
Shenango Steel Buildings, Inc. ..... DLT
Shenk's Farm Service W10
George M. Sherwood W9
Silopress, Inc. W8
Sire Power, Inc. ..... DLT
Sollenberger Silos Corp. E7
Sperry New Holland E2
Spraying Systems Co. CET1
Stanford Seed Co. E7
Star Silos W5
Starline Products, Inc. W4
Stauffer Chemical Co. E6
Stauffer Diesel, Inc. W9
Steiner Corp. W9
C.U. Stoltzfus Mfg. Inc. W6
Stull Company W1
Joseph Swantak, Inc. W9
Symo-Life, Inc. ..... DLT
Tam Agri Corp. E5
Taylor Systems of Penna. W11
Todd Farm Equip., Inc. W6
Todd Seed Sales E7
Tox-O-Wik Products/Tatge Chemical Co. W4
Triple H Construction Co. CET3
U S Agri-Systems W1
Umbaugh Building Co. W8
University Electronics W9
Unverferth-McCurdy W6
USDA/Agric. Stabilization & Conservation Service EET2
USDA/Farmers Home Admin. EET2
USDA/Federal Crop Insurance Corp. EET1
USS Agri-Chemical E6
Vanco ..... DLT
Velsicol Chemical Corp. CET2
Vermeer Mfg. W1
Vicon Farm Machinery, Inc. E5
Vigortone Ag Products W11
Waldemar Machine Tools W9
Weiler Bros, Inc. W11
Wengers Farm Machinery, Inc. W5
Westfalia Systemat W10
White Farm Equip. Co. E5
Williamstown Irrigation, Inc. W9
Winpower Corp. W8
Wood Chips., Inc., Heat Div. E7
J.S. Woodhouse Co., Inc. W8
Woods Div. of Hesston Corp. W4
Yanmar Tractor (USA), Inc. W1
Young's Livestock Nutritional Services ..... DLT
Zeager Bros., Inc. W9
Zetor Tractors, American Jawa Ltd. W9
Zimmerman Mfg. Corp. W10
Paul B. Zimmerman, Inc. W11
Zook & Ranck, Inc. CET3

ADS
ASSOCIATION OF DIESEL SPECIALISTS

MILLER DIESEL INC.
6030 Jonestown Rd.
Harrisburg Pa. 17112
717-545-5931
Interstate 81 Exit 26

DIESEL FUEL INJECTION AND TURBO-CHARGER SPECIALISTS
Locally Owned and Operated Since 1957

Authorized Sales & Service For:

AIRESEARCH
ALERT WATER SEPARATORS
BACHARACH TOOLS
BENDIX
ROBERT BOSCH
CAV-SIMMS
CUMMINS
FPPF DIESEL FUEL PRODUCTS
HOLSET
ISSPRO PYROMETERS
MURPHY SWITCHES
ROOSA MASTER
ROTOMASTER
SCHWITZER
STEWART WARNER GAUGES
UNITED TECHNOLOGIES (Formerly American Bosch)

We Also Service:
IHC*Caterpillar
Detroit Injectors, Blowers & Governors

Daily Shipments by UPS, Parcel Post, or our representative who is in area regularly

HELP FOR THE FARMER

Poultry Buildings
Barns - Disinfecting
Fly Spraying
Dairy Whitewashing

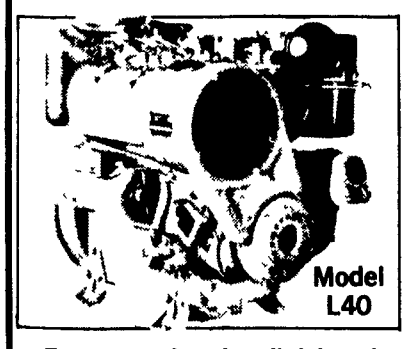
G & G HIGH PRESSURE
(AGRICULTURAL HIGH PRESSURE WASHING)

Barry Garber
367-3649

reliable thorough
largest equipment
no road charge

LOMBARDINI
The Powerhouse

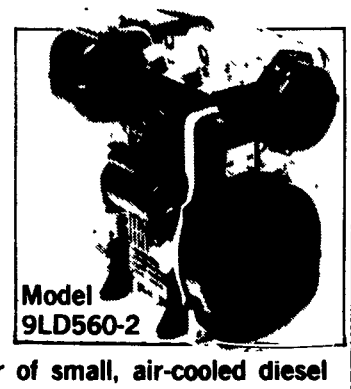
Diesel for Dairy, Shops and Equipment


Model L40

We have the right size, weight, shape, price and engine available.

LOMBARDINI DIESEL USES ½ OR LESS FUEL THAN GAS ENGINES
LESS DOWNTIME THAN GAS ENGINES

4 to 68 H.P.


Model 9LD560-2

For years Lombardini has been Europe's largest supplier of small, air-cooled diesel engines. Now, after several years in this country Lombardini is the fastest growing line of air-cooled diesels in North America. Lombardini specializes in small air-cooled diesels.

DIESELS OUR SPECIALITY CALL FOR USED DIESELS

TAKE ADVANTAGE OF:
1. 12 month warranty or 2,000 hours
2. Low fuel consumption
3. Low maintenance.
4. Price per horsepower
5. Easy starting
6. 100% back-up with parts and service.

Let Us Know Your Service Problems
24 Hour Service - Check Our Prices

Distributor: HOOVER DIESEL SERVICE
NEW PH. NO'S PH: 717-656-3322 717-295-1729
2998 West Newport Rd., Ronks, Pa. 17572, 2½ mile East of Leola Along 772

Authorized Dealers

Hoover Diesel Service
717-786-2173
RD 3, Box 91A
Quarryville, Pa. 17566

Tim's Diesel Service
Star Rt. Box 2
Rebersburg, Pa. 16872

Beiler Engine Service
Box 245D Pennsy Rd
New Providence, Pa 17560

Sensenig Diesel Service
RD 3
Selinsgrove, Pa. 17870

DEALERS INQUIRIES INVITED

PROFIT PROFIT PROFIT PROFIT PROFIT PROFIT

"WITH MY W&J DAIRY COMPUTERIZED FEEDING SYSTEM, I HAVE BEEN ABLE TO STOP GROUPING OUR COWS. THIS HAS SAVED BOTH TIME AND LABOR"

SAYS WILLIS NOLT of
RD #1 Peach Bottom, Pa.

Willis Nolt with sons Merrill on right and Lydell & Dwight.

Willis has a two feed system, feeding high moisture shelled corn and protein. Since installing his Computerized Feeding System from W & J Dairy Service, his herd average has increased 2000 lbs. His first calf heifers are coming in at 70 lbs. or better and they are holding longer.

"We get all these benefits and use less feed than we did with our previous system," says Willis.

Are You Getting All The Benefits You Should From Your Present Feeding System?

Call W&J Dairy Sales Let Them Show You How You Can Increase Your Profits.

W & J DAIRY SALES

BOU-MATIC
Computerized Feed Management System

1202 Lloyds Rd.
Oxford, Pa.
(717) 529-2569

ZERO
BETA
Dairy Computer

PROFIT PROFIT PROFIT PROFIT PROFIT PROFIT

MAILBOX MARKET

For Sale - Oliver 1800 diesel tractor, Oliver 88 w/two row 74H mounted cornpicker after 5 p m 717 469-0033

For Sale Blue enamel Kalamazoo cookstove $150 00 Leb Co 717 865 3506 or 865 5684

For Sale 10'x53' Aermotor windmill Lanc Co call after 6 p m 717 354 9320

Wanted Old hooked rugs w/animal designs, old quilts rag carpet, Lanc Co (717) 626 7854 or Box 21 Lititz 17543

For Sale Guernsey family cow 717 354 9147

For Sale 479 NH haybine Wanted 6 cyl engine for 1954 Chevrolet 6400 truck Warren Co 201 995 7439 after 5 p m

For Sale 2 Puch Mopeds only 300 + miles like new $950, 327 NH manure spreader $795 717 442 8437

For Sale Yardman Lawn tractor no motor mower 36' cut Yardman lawn sweaper $100 00 or best offer Chester Co , 215 347 2232

For Sale Grade Nubian Milker $85, Her 4½ mo old kid $40, American Alpine yearling $125, Berks Co , (215) 670-1486 or (215) 856-7649

For Sale New Briggs & Stratton, 4 cycle, 10 HP eng in original carton Bucks Co 215-794 8207

For Sale 58 VW bug, 120K miles, paint interior, engine great shape, $850 obo, Mont Co 215-287-6871 eves

For Sale - Farmhand self unloading wagon box $300 00, JD #8 mower $100 00, Straw shredder for Gleaner C 2 combine $200 00, Berks Co 215 944 8380

For Sale - Peaches $9 50 bushel starting Tues while supply lasts John Z Stoltzfus Catamount Rd Upper Oxford Lanc Co Pa

MAILBOX MARKET

For Sale 1974 Glick two horse trailer, good cond Chester Co 215-932 2730

For Sale 3500 tobacco lath 17 hd round hay feeders, Amos S Stoltzfus 552 Beechdale Rd Bird in-Hand #1 PA 17505

Wanted A good used Jackhammer & a 7'x9' overhead door Lanc Co 717 665 5741

Wanted Good grain head for 55 JD S P combine 814 371 6044

For Sale Agstar hog castle, bank barn/heavy beams 30'x69' to be torn down, 2 Read metal feed bins 717-426 1539

For Sale JD wagon frame, 9 10 22x5 tires & wheels, Raymond Snyder RD 2 Box 264, Milton, Pa 17847

For Sale Farmall Super C tractor w/fast hitch ½ horsepower air compressor, cultivators for super C Union Co 717 966-2655

For Sale MF 3 axle 16' gooseneck dump trailer $4800 Miscellaneous steel wheels $100 York Co , eves, 717 292 4245

For Sale 68 NH baler, FBB 13 7 JD grain drill 20 hole Smedley hog feeders, No Sunday calls York Co 717 259-9922

Wanted Farm job by married christian man, non-smoker, non drinker, many yrs exp Prefer cumb or Perry Co 717 789 4358

For Sale Rug size 9x12 in good cond , $15 00, 717 529 2214

For Sale 2 yr old reg holstein bull His dam 24,000 milk 4% test 305 days Franklin Co 717 532 8236

For Sale 10'x60' mobile home, furnished Has had only one occupant $3500 Harford Co Md 301-452 8603 or 301 452-8698 or 717 456 5072

MAILBOX MARKET

For Sale Used cutting torch set $120 00, standardbred mare, safe for women $450 00 (To small for big family), 717 354-5691

For Sale Warm morning wood burning stove Brand new model 701 Will deliver Lanc Pa $385 00, Balt Co Md 301 239 8195

Wanted Bolens 440 snowmobile for parts with good track, 15" wide 717-362 9575

For Sale Mulkey 36' elevator runs good, looks bad no motor $250 Also JD 36' elevator Cumb Co 717 243 1281

For Sale Jersey bull 18 mths old large enough for holstein heifers Frank Co 717 532 6143

For Sale 1984 rye 3 70 per/lbs Fulton Co 717 294-3451

For Sale AC 60 combine for parts $25 00, 305 NI corn picker for parts $125 00 Old barn boards Frank Co 717 263-0627

For Sale Dual control refrig /freezer display case, suitable for market or store Almost new, 12 3 cu ft Lanc Co (717) 426 3992

For Sale Good milk goats 2 JD corn pickers #18 & No 101 1 row Fox harvester Lanc Co 717-733 6802

For Sale 1971 Dodge pick up 6 cyl stick, good engine brakes & rubber Some rust, $600 00, Bucks Co 215 822 1639

For Sale High moisture ground ear corn Rye seed $4 25 bu Silo matic 32 ft silage conveyor Cumber Co 717 776 3690

For Sale Hesston PT 10 haybine working cond , Cumber Co 717 776 7646

For Sale MM UB tractor on rubber, Fox recutter John B Fisher RR #3 Box 338 Newville, Pa 17241 Cumb Co

MAILBOX MARKET

For Sale - AKC Doberman pups, ears cropped, docked wormed, $75 ea 3 yr female $50 Doberman stud service Lanc 215 445 5420

For Sale 3 holstein heifers ready to breed crossbred steers & heifers, JD 12A combine Carroll Co , Md 301 635 2654

For Sale Chihuahua & terrier crossed puppies, shots & wormed Yearling sheep buck Lanc Co 215 267 7381

For Sale IH 125 SP combine $1300 potato grader $150 Farmall F 14 $300 Flagstone $1/sq ft North Co 717 758 3252

For Sale Model E Gleaner combine Grain table & two row corn head Carroll Co , Md after 6 p m 1 301 374 2260

For Sale Two Angus heifers Reg & ready to breed, For Sale, Chester Co , (215) 942 3925 eves 6 p m 9 p m

For Sale Nubian does & bucks all ages Adams Co 717-334-5086

For Sale Steel wheels open centers used 700 hrs , 14 in x48 in Frank Co 717 264-1154

Notice 20'x60' one story wood building free for taking it down scalding trough for big hog's for sale 717-566 0092

For Sale NH grinder mixer model No 354 in very good cond $4995 00, Carroll Co Md 301-848-8447

For Sale Rite way wood heater, plus 28' stainless steel stone pipe all in good cond 215 484 2517

Wanted 2 row corn head for Gleaner Model A, North'ld Co (717) 742 3739

For Sale D2 caterpillar 4U1453, W PTO Pulley 2850 hrs ex $5000 R#1 Box 31 Narvon PA Lanc Co

MAILBOX MARKET

For Sale 8 ton Andersons 46 0 0 fertilizer in 50 lb bags $215 00/ton Westmoreland Co 412 238 4265 till 11 30 p m

Wanted 3 pt hitch to fit AC WD 45 Dau Co 717 469 0782

MAILBOX MARKET

For Sale - 8N recon ditioned, repainted, good tires 1969 Beetle, auto stickshift, clean, top running cond new tires York Co (717) 632-7100

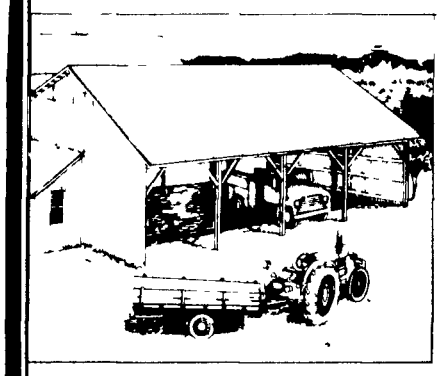
Wanted To Buy Small feed or mineral mixer Lyc Co 717 584-3519

MAILBOX MARKET

For Sale 50 mallard ducks, all sizes, 1,000 gal used fuel tank Dau Co 717-599-5095

For Sale 3 yr old Montadale ram reg $60 00, Balto Co 301 374-9750

Only ONDULINE Farm Roofing Covers Your Roof With A Lifetime Limited Warranty



- Easy To Handle 25 Sq. Ft. Sheets
- Ideal For New or Reroofing
- Less Condensation Than Metal
- Lifetime Limited Warranty

Colors Available In Stock: White, Brown, Silver, Red
Other Colors Available By Special Order

Reg. Price $9.75 per sheet
Sale Price **$8.78** per sheet

$35.12 per material square
25 sq. ft. per sheet

Onduline
The Lifetime Roofing

100 squares of material currently in stock and available for immediate delivery.

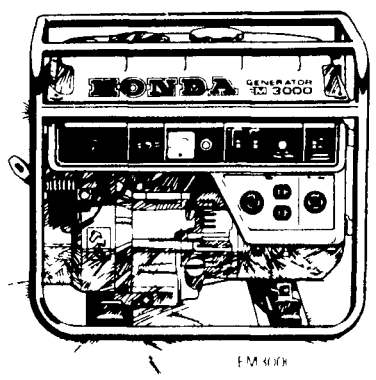
VISA

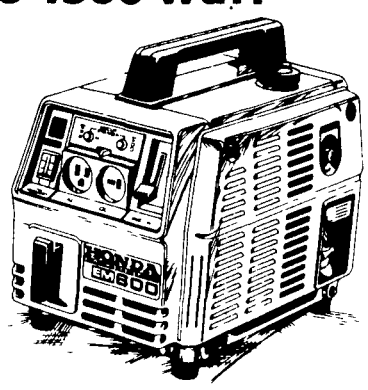
MUSSELMAN LUMBER INC.

200 BRIMMER AVENUE, NEW HOLLAND, PA
Phone 717-354-4321
Hours Daily 7 AM to 5 PM, Saturday 7 AM to 12 PM

POWER TO SPARE, ANYWHERE.

From Camping Trips To Power Failures. From 600 Watt to 4500 Watt





IT'S A HONDA The Farmer's Friend

HONDA Power Equipment

For optimum performance and safety we recommend that you read the owner's manual before operating the unit
© 1983 American Honda Motor Co , Inc

Your Headquarters For Honda Generators

Hollinger's Lawn & Garden Equipment, Inc.

TWO CONVENIENT LOCATIONS:

1755 W. Main St.
Ephrata, PA 17522
Located on Route 322
Phone (717) 738-1131

1515 East Chocolate Ave.
Hershey, PA 17033
Phone (717) 533-4060

A BUCK A TON CAN MAKE YOUR SILAGE WORTH MORE...

LOAD...
AFTER LOAD...
AFTER LOAD...
AFTER LOAD!

10% DISCOUNT During Ag Progress Days!

AgriMaster™

THE SILAGE INOCULANT THAT BEATS THE OTHERS COLD!

1 More palatable, "sweeter" feed
2 Greater uniformity in dry matter content
3 Higher daily consumption

Result You get a better milk-to-feed ratio because a better silage ration allows your top cows to:
1 Reach their lactation peak faster
2 Peak higher.
3. Sustain a longer lactation peak.

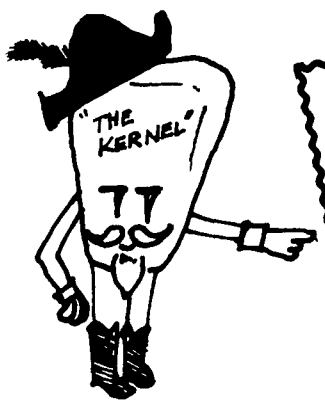
(Distributed exclusively in the state of Pennsylvania by Madison Silo Co.)

MADISON®

THE MADISON WAY IS THE VERY BEST WAY

MADISON SILO CO. OF PENNSYLVANIA
1070 Steinmetz Rd., Ephrata, Pa. 17522 Phone 717-733-1206

MADISON'S NEW LITTLE KERNEL LETS YOU HAVE AFFORDABLE HIGH-MOISTURE SHELLED CORN STORAGE.

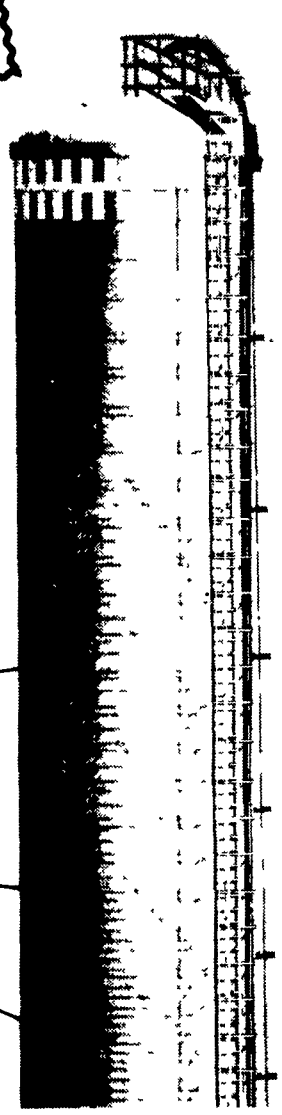


"WOW"
4,000 Bu. Shelled Corn Capacity -
$12,400

Includes bottom unloading system, Madison Grain-O-Matic® roof, vent, ladder, safety cage, filler pipe, goose neck, gunite inside finish. (Does not include foundation material or electric to our control box.)

See Us At Ag Progress Days For This Low Priced Special!

All of the quality that means Madison — at lowest possible cost. That's our Little Kernel! Check these advantages.



- Sealed roof
- Eliminates high cost of drying corn.
- Ideal for those who can't grow corn or don't have enough land.
- Excellent primary storage for small dairy farms and small hog operations.
- Exclusive Vibra-cor™ stave provides more stable feed temperature year 'round
- Bottom unloading
- Low-cost secondary storage for those who operate several farms.
- Low maintenance
- Storage for those who purchase high-moisture shelled corn weekly or monthly.

The complete Madison "System of Choice" lets you acquire the storage that's just right for your needs.
- Nutri-Matic
- Conventional Silo
- Grain-O-Matic
- Little Kernel

MADISON®
THE MADISON WAY IS THE VERY BEST WAY

See What's New From Madison Silos At AG PROGRESS DAYS!

- STOP IN OR CALL US TODAY -

Littlestown, PA
ATLEE REBERT
717-359-5863

Silverdale, PA
I.G. AG SALES
215-257-5135

New Providence, PA
DON R. NISSLEY
717-786-7654

Myerstown, PA
SWOPE & BASHORE
717-933-4138

Ephrata, PA
TOM ZARTMAN
717-733-1050

Somerset, PA
ROBERT STAHL
814-445-4040

Central City, PA
CHARLES JOHNSON
814-754-5754

New Berlinville, PA
ERB & HENRY EQUIPMENT
215-367-2169

Harrisonburg, VA
HARMAN FARM SUPPLIES
703-434-4459

Belvidere, NJ
G. H. BUCHMAN
201-475-2185

Elmer, NJ
GEORGE COLEMAN
609-358-8528

Milford, DE
BENNETT MACHINE
302-422-4837

Rising Sun, MD
CECIL CO. DAIRY
301-658-6923

Frederick, MD
GLADHILL TRACTOR
301-663-6060

Galena, MD
DUDLEY CHANCE
301-928-3834

MADISON
THE MADISON WAY IS THE VERY BEST WAY

Southern Division Sales Mgr. - Larry Zecher 301-834-6364

Leasing Available Through Telmark Inc. or Borg Warner

PARTICIPATING AGWAY DEALERS

RICHARD COX, JR.
717-756-2829
(New Milford)

ARNOLD DECKER
717-369-3607
(Chambersburg)

CHARLES DREESE
717-966-1445
(Winfield)

TOM KALASKY
301-751-1130
(Taneytown)

WILLIAM KNISELY
814-237-5515
(Pleasant Gap)

B. WILMER MARTIN
717-273-2621
(Lebanon)

BRADLEY MILLER
717-566-6243
(York West)

JOHN MYERS
302-738-0548
(Oxford)

LEE SAMSELL
412-267-4681
(Eighty Four)

PAUL SHOWALTER
814-276-3733
(Somerset)

MELVIN STOLTZFUS
717-392-0066
(Lancaster)

HARRY STUGART
412-285-5810
(Butler)

MAX TEARS
814-793-2167
(Curryville)

KEN WHIPP
717-265-5353
(Wysox)

MADISON SILO CO. OF PENNSYLVANIA 1070 Steinmetz Rd. Ephrata, Pa. 17522 Phone 717-733-1206

MAILBOX MARKET

For Sale 5 big riding horses good trail & 1 all purpose, $650 each, also several western trail saddles 814 834 4960

For Sale Papec silage cutter knives & shear bar good cond $50 Lanc Co 717 354-6405

For Sale 9 bundles asphalt roofing, approx 3 squares $75 Sauder manure loader w/6' bucket, best offer Lanc Co 717 898 7849

For Sale 1 2-yr old AKC Boston Terrier female, 1 5 mo Boston male Lanc Co 717 733 9285

For Sale - 2 seated carriage, hyd brakes, best offer, 717-859-2409

Wanted Warming closet for white Kalamazoo kitchen stove, prefer presidents model, Berks Co 215-987-3760

For Sale - 2 VE4 Wisc engines, JD engine for small farm tractor, vacuum milk can lift, Hunt Co Pa 814-627 5149

Wanted - 1500-4000 gal tank suitable for water reservoir David B yoder, R1, Box 165A, Grantsville MD 21536

For Sale - Potato digger, Oliver 1 row, PTO $300, IH truck 300 bu body $500 Mercer Co NJ 609-586-2869

For Sale - 20C Int 1 row forage harvester, 2-24 tooth perry harrows w/hitch Cumb Co 717-776-3766

Wanted - To buy, Windmill grain cleaner, Leb Co 717-838-4760 after 5 p m

MAILBOX MARKET

For Sale - Hossfeld #2 bender w/regular dies, inbend & outbend flat & angle dies 717 866 2022 ask for David

For Sale 12 volt solar fencer exc cond $175/best offer Lanc Co Melvin K Zook, Christiana #1, Pa William Run Road

For Sale Int corn binder w/carrier, good cond David L Riehl, Box 170 RD#1, Kinzers, Pa 17535 at Springville

For Sale - 18' steel hayrack, water tank trough Daniel K Stoltz fus, Box 189A Cains Rd #1, Gap, Pa 17527

For Sale - #75 & 73 DeLaval milk pump, good cond Daniel E Beiler, RD2, Box 66, Christiana, Pa 17509

For Sale - Oliver 2 row potato digger $250, Aaron S Nolt, 717-354-6727

For Sale - GM diesel 671 power unit w/clutch, chuck wagon side extensions & roof $75 Lanc Co 717-733-1602

For Sale - 2 horses on 9 acres near New Buffalo, Perry Co, PA, owner will finance 717-582-2697

For Sale Reg Suffolk ram, 6 yr old $100 Juniata Co 717-694 3923

For Sale - Cleaned rye seed, would like to buy 1 doz fertile turkey eggs Lanc Co 717-548-2006 before 9 a m

For Sale - Unit 1020A dragline crane, 1 yard bucket, good operating cond, asking $6000 Salem Co NJ 609-769-1497

MAILBOX MARKET

Wanted - Balboa rye for seed, rye, wheat, barley or oats straw Lanc Co 717 872 5663

For Sale - New styrafoam sheeting 2"x2'x8' $2 50 per sheet, must be moved 717-626-6805

For Sale 10,000 tobacco lath Berks Co 215 683-8515

For Sale - Pine logs, sawed on 3 sides, 3000 liner ft Clearfield Co 814-583 5732 or 583 5550

For Sale Suffolk ram 2½ yrs, 2 colored breeding ewes, Dorset breeding ewe, black ewe lamb, black ram Dauphin Co 717 921 2810

Wanted 2 or 3 row narrow corn head for NH 880 or 890 chopper, #1495 NH haybine, Chester Co 215-269 3442

For Sale - Favorite wire hanging rabbit cages, feeders, waterers, make offer, along 419 East of Buffalo Springs, Leb Co 717-949 3175

For Sale - NI hay wagon for kicker baler $575, standing corn in field, NI 752 hay crimper $495 717-354-0266

For Sale - Stack hand #10 w/mover $4200 Home Comfort cook stove $400 Hunt Co 814-259-3256 7.30 a m or p m

Wanted - Wagon in good cond, Amos C Fisher, 3870 E Newport Rd, Gordonville, Pa 1½ mile E of Intercourse

Wanted 10 lease w/option to buy, small dairy farm immediately Perry Co 717-789-4528

MAILBOX MARKET

For Sale Tobacco lath, set double tobacco ladders, 1 hole corn sheller, kerosene stove, 50 GMC dump truck, 717 872 2168

For Sale 250' arrow pt, wrought iron fence, 4' w/gates 400' Jake Lengacher Rt 2 Mt Pleasant Mills, PA 17853

Wanted Fieldstone suitable for walls, used brick, flagstone railroad ties, baseball metal fence backstop Chester Co (215) 363-2461 eves

For Sale Border Collie pups, Reg working champion bloodlines, good watchdogs, good w/children, $125 Broome Co, N Y 607 775-0080

Wanted Looking for a kerosene incubator in good cond, that is usable 215-926-4555

For Sale - 1975 LN 600 Ford w/800 gal liquid fertilizer sprayer, flow-max pump hydraulic drive & booms $7000 717-397 0035

For Sale Ford tractor 8N w/sodder snowplow, exc cond Berks Co 215-670-0584

Wanted - 3-5 hp Lister diesel slow speed, prefer w/starter, 717-656-6109

For Sale - Log splitter, 5 hp Poulan, good shape, best offer, Carroll Co 301-857-4639

For Sale - Outdoor World membership, reasonable, will finance, 12x50 mobile home, air, furnished, gas, awning, patio, Sebring Florida 717-285-5712

For Sale - 1977 Chev Suburban, Silverado, 4-WD A/C, cruise control, tilt wheel, AM-FM, P S, Lanc Co 717-872-5393

For Sale - New G E ¾ hp motor, 110 or 220 volts, 1725 speed $50 Leb Co 717-949-3263

For Sale - Single row 310 NI corn picker $2000, Tylar seed wheat 100 bu cleaned & treated York Co 717-764-0494

MAILBOX MARKET

For Sale Hay drying fan, 5 hp single phase, instruction booklet $350, also fan without motor $125, Lanc Co 717-656 7270

For Sale 2 single tobacco ladders, also oats & rye Lanc Co 717-627-1687

For Sale - #620 NI blower same as new, 3020 JD diesel wide front 2 JD chuck wagons York Co 717-637 8172

For Sale Ferguson 20 tractor w/loader, good running cond $2000 Montgomery Co 215-287 7173

For Sale IH haycon ditioner, 990 9' $1000 Gehl FB 88 forage blower $500 Lanc Co 215-445 6838

For Sale 4 spring rams, no papers, good stock Levi E King, 3373 Scenic Rd, Gordonville, Pa 17529 Lanc Co

For Sale - Collie puppies born 7-12-84 $50 Jacob M Zook, Paradise #1, Pa 17562, White Oak Rd, Nickel Mines Lanc Co

For Sale Hickory rockers, see us before you buy, Eli Z Byuler, R1, White Oak Rd, Paradise, Pa 17562

For Sale AC B tractor, plow, cultivator, loader, snow plow $1450 215-267-6361

For Sale - 2" walnut lumber random widths & lengths Moses B Glick, Radcuffe Rd Willow St, R1, Pa 17584 Lanc Co

For Sale - Fox Terrier pups, 7 wks, old, mother, Lloyd H Martin, New Holland R1, Box 782, Pa 17557 Lanc Co

For Sale - Milk Sputnik, exc cond Emanuel B Lapp, RD#1, Box 258A, New Holland, Pa 17557

For Sale - Farmhouse w/shop/garage, chicken house & corncrib, routes 22 & 743, 1¼ acre lot $59,900 Dauphin Co 939-4053 or 469-0626

MAILBOX MARKET

For Sale 14" Blizzard cutter, 2 set knives & pipe Roy Fisher, Box 27, R3 Quarryville, PA 17566, Lanc Co

For Sale 375 amp Chrysler welder w/6 cyl engine SG maytag wringer washer Aaron S Zook RD 2 Box 389 Parksburg, Pa 19365

Notice - Cash for all types feathered poultry pigeons $1, guineas, ducks, bantams, chuckers, rosters, fowl will travel for quantities 301 734-7856

For Sale - McCormick corn binder, PTO, w/o engine $600 Ike Fisher 1 mile S of Georgetown, along #896 Lanc Co

For Sale H S farni 55 wood/coal boiler, brand new, $1600 Warner cast iron pig feeder $170 Lanc Co 717-653-4652

For Sale App Philly 3 yrs old, 15 plus hands Green-Kent Co, M D $1,000 00 301 778-3441

For Sale - 4 P205-75R14 firestone 721 radial tires 13,000 miles 100 00, Lanc Co 717-392-8548

For Sale - Ear corn & one Reg Holstein service bull North Co 717-742-7008

For Sale - Cold frame sash, 3 ft x6 ft classic 1 Qt, 2 Qt & mum pans Wayne Co 717-689-9858

For Sale - Two DeLaval units 65 lb & 40 lb pail 301-334-2383

For Sale - 1010 JD crawler-loader very good shape, or trade for rubber-tire loader Huntin Co 814-632-6826

For Sale - Skid steer loader IH 3200A w/canopy $2500 John Beiler Jr, R D 2 Box 224 Bedford, Pa 15522

Wanted - Apple grader must be in working cond, Somerset Co Pa 814-629-6178

MAILBOX MARKET

For Sale 22,000' of hemlock lumber fresh cut 6x8's random length 8 16', 1" boards random width & length 8-16' 717 734-3092

For Sale Lime truck 1974 Ford LN9000 w/trailer, good cond, 717 354 4763

For Sale 14 Holsteins just fresh milking 45-65# good type & young must sell $850 Frank Co 717 263-5702

For Sale - Berks Co, secluded 18 acres, 13 wooded 3 BR frame house oil/wood heat mod kit 79,500, 215 582-2646

For Sale 2 Holstein heifers 1 15 May 83, 1 2 Sep 83 special price for good home 215 754 7854

For Sale 1979 Olds 98 diesel 4 dr, high mileage $2400 00 1983 Buick skyhawk factory warranty $5200 00, 717-866-5589

For Sale - King stove for wood & coal combination like new Stephen R Glick 209 Cedar Drive Leola, Pa 17540

For Sale - 7 Holstein heifers due Aug., tested 7 30-84, ready to go, A-I bred, more Sept -Nov, Leb. Co 717-273-3679

For Sale - Siberian Husky A K C. reg male 3 mth old $50. Jacob B Ebersal, R#2 Box 128 Peach Bottom, Pa 17563

For Sale - 1979 Hillsboro 24' gooseneck trailer 3 axle 20500 GW $3800 Also JD 540 log skidder $6500. 717-523-1974

For Sale - Tobacco lath approx 6500 Leb Co 717-949-2123 or 717-273-8467

For Sale - 1 dual wheel Chevrolet pick up bed Leb Co, 717-274-3488

For Sale - Balboa rye seed 3 75 bu, uncleaned Lanc Co 717-626-6768

For Sale - 8 yr old standard bred carriage horse traffic safe, Bennie A Fisher 94 North Ronks Rd, Ronks, Pa 17572

For Sale - 1-lead mule works anywhere, safe & sound 5 cocker spaniels breeders - 215-445-5796

For Sale - Rear tractor tire 13 6x12 for 12x26 rim, good cond, Goodyear 6 ply, $75 00 Lanc Co 215-445-4463

For Sale - 14' Woods rotary mower, 2 gravity bin wagons w/gears, NI 10A horse spreader Adams Co (717) 334 4658

For Sale - BLAW-KNOX 9 cubic yd concrete mixer hydraulic driven drum w/front mount pump $1200 00, Centre Co Pa 814-349-5560

For Sale - AC 782 harvester for parts, along Rt 772 near carpenters church Joe H Zimmerman RD 1 Leola, Pa 17540

For Sale - Sorrel riding horse 3-15 hole chicken nests - buff cochen banties AKC collie puppies Lanc Co 717 733-8770

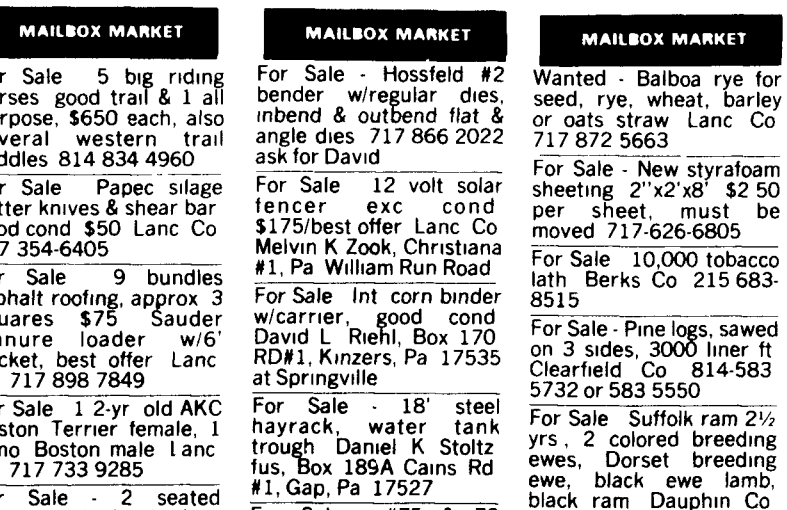
For Sale Reg Appaloosa mare 15 3, 14 yrs old bay mare 15H, 11 yr old proven broodmares Adams Co 1 717 359 5281

For Sale Used Butler type bin 12' diameter 30' high including 8' cone Mifflin Co 717-248 4373 9-5 week days

MUELLER

HiPerForm®

It's like Money in the Bank!



1 **COOLING PLATES:** Stainless steel patented Mueller Temp-Plate® Heat Transfer Surface
2. **REFRIGERANT LINES:** Precharged stainless steel piping between inner and outer cooler walls
3. **REFRIGERATION CONTROL SYSTEM:** HiPerForm, electronic - with many new features
4. **PRE-START CONTROL:** Allows cooling and agitatin before adding fresh warm milk into milk already cooled
5. **ALARM CIRCUIT:** Five-inch red light with three warning modes
6. **MANUAL BYPASS SWITCH:** For emergency cooling operations
7. **DIGITAL DISPLAY:** Accurately indicates milk or wash water temperature
8. **AGITATOR TIMER:** For agitating milk the required time before butterfat sample is taken
9. **INTERVAL TIMER:** Automatic agitation at preset time interval
10 **AUTOMATIC WASHING SYSTEM:** Efficient jet-tube cleaning with the Mueller Matic® Automatic Washing System
11. **LEG SUPPORT BEAM:** Constructed with no metal-to metal contact between inner liner and exterior

USED TANKS

1250 Mueller OH	600 Zero
3000 Mueller OH (Used 7 months)	500 Milkeeper
800 Dari-Kool - Round	400 Milkeeper
400 Dari-Kool - Round	300 Gallon Sunset
	500 Mojonnier

MARTIN'S REFRIGERATION SERVICE

Milk IS the real thing!

1122 Woodstock Rd.,
Fayetteville, Pa. 17222

Phone (717) 352-2783
Sales & Service

TOBACCO
CUSTOM SPRAYING

Two high clearance tractor sprayers equipped especially for tobacco - 3 fan tips per row to insure maximum leaf area coverage.

We are ready for any spraying needs as they arise in Lancaster County's tobacco crop.

Call us for field inspections and line up your spraying needs.

- ALFALFA -

Leafhopper pressure is still with us. Spray after third cutting. Call for professional application service.

- CORN SILAGE -

Use anhydrous ammonia as a non-protein nitrogen source, product and equipment available.

FALL SEEDING REQUIREMENTS

RYE	WHEAT	ALFALFA	BARLEY
We are taking orders for cover crop rye	Tyler wheat available	Cimmaron Suranac Olympic	Barsoy Maurey

BULK BLENDS
MASTER FARMER
ANHYDROUS AMMONIA

ORGANIC PLANT FOOD CO.

2313 Norman Rd., Lancaster, Pa.
Phone: 717-397-5152
Summer Hours: Weekdays 7:30 - 4:00
Closed Saturdays July and August

FAIRBANKS

introduces the NEW
ELECTRA-DIAL BEAM SCALE
Now You Can Have The Accuracy Of A Beam Scale And The Advantages of A Dial Scale.
See Us At AG Progress Days West 11th
717-354-6235

Sanford A. Alderfer, Inc.
Real Estate Brokers & Auctioneers
Box, 1 Harleysville, PA 215-723-1171
PA No AU-001117-L

AUCTION

LG. HUMMEL COLLECTION
GLASS, CHINA
AT: SKIPPACK FIREHOUSE
Rt. 113 (¼ mi. So. of Rt. 73)
Skippack, PA.

THURSDAY., AUG. 30, 1984
9:00 A.M.

300 PC. PRIVATE COLLECTION OF FIGURINES incl. nearly every Hummel made in various marks and sizes. Plates from 1971 to 1980, Plaques, Bells, Collector Club Figurines, etc. Goebel birds, & lg. Goebel Rooster. Misc. Glass incl. Carnival nut & candy dish, green & pink depression, limoge, collection of German steins, Heisey bowl, misc. pressed & pattern glass, punch bowl, dinner set; oak bookcase, china cabinet, curio cabinet. Request Detailed Catalogue.

TERMS - CASH.

LUNCH

COMPLETE CATTLE & MACHINERY DISPERSAL
Harold & Donna Woods
West Bainbridge, N.Y.

SATURDAY, AUGUST 25, 1984
11:00 A.M. Sharp

From Bainbridge take Route 206 West approx. 5 mi. to County Road #17 approx. 1½ mi. to Bush Hill Rd. and from Greene take 206 East approx. 12 mi. to County Rd. #17 and follow the Auction Arrows.

85 HOLSTEIN CATTLE 85

This dairy consists of (40) Milch cows (10) bred hfrs. (15) yearlings to breeding age hfrs. (20) from started hfr. calves to 6 mo. of age. The dairy is in the following lactations (10) fresh cows (10) due Aug. & Sept. (10) due Oct. & Nov. bal. in various stages of lactations. Harry has been using only Eastern Breeding since 1977 using only the Top Sires. These cattle with proper feed & management will go home & respond well for the new owner because the breeding is there. All cattle vet exam for preg.

MACHINERY

AC #7000 Diesel Tractor w/cab w/only 2000 hrs., White #2-105 Field Boss Diesel Tractor, Oliver #1850 Diesel Tractor w/over/under hydr shift w/cab (as is condition) Oliver-5 btm auto. spring reset plows, Oliver 4-row corn planter, NI Cut/Ditioner, Brillion cultimulcher-harrow combo. AC transport 10' disc (as is) Allied hydro bucket loader, NH #256 rake, NH #315 baler w/kicker, NH #770 Chopper w/2 row corn head, pickup head & direct cut head, (2) Gehl #920 self unloading boxes w/roof & 3 beaters on Gehl heavy duty tandem axle running gears, Gehl #99 Hi-Throw Blower (like new), Gehl #180 spreader w/hydro end gate, Case elevator, Oman 25,000 KW Generator, Wic Straw Shreader w/gas engine, Ubler #810 feed cart w/Honda gas engine, Ubler #650 Silage Cart w/Briggs & Stratton gas engine, Wood feed cart, (2) sets of 18.4x30 double ring chains, Bolens Lawn tractors, Portable barn fans plus other misc. items not listed.

SILO & SILO UNLOADERS

Selling is an Empire Concrete Stave Silo 20x70 plus a Clay Ring Drive 20' unloader. Come look this over it will be a bargain for someone.

REAL ESTATE

276 Acre Farm, 124 ties main barn, hfr. barn, pipeline, 1000 gal. bulk tank, 2 family house, financing available. For more information contact Strout Realty Carol Wood Broker 607-863-4143.

MANAGERS NOTE: This dairy has breeding & will respond well for the new owners & machinery shows use but has lots of work left in it. Keep this date open & plan to be there. Inspection welcome anytime.

TERMS: Cash or Good Checks day of Sale
Lunch Available

HAROLD & DONNA WOODS
Owners
Phone 607-967-8904

JACK WOOD LIVESTOCK &
AUCTION SERVICE SALES MANAGERS
Cincinnatus, NY
Phone 607-863-4141

SPECIAL CONSIGNMENT AUCTION

FARM MACHINERY,
CONSTRUCTION EQUIPMENT,
TRUCKS AND TOOLS

SATURDAY, AUGUST 25, 1984
9:00 A.M.

LOCATION: Wilson's Auction Sales, Inc. Route 113, 1 mile south of Lincoln, Delaware.

We have been consigned a large selection of all types of farm and construction equipment, trucks and tools. If you are interested in having merchandise advertised contact us as soon as possible. We will be open for consignment Monday, August 20 thru Friday, August 24 from 8:00 a.m. until 5:00 p.m.

FORKLIFT AND ROLLBACK SERVICE AVAILABLE!

This auction represents the largest consignment auction of this type to be held in the area.

PLAN TO CONSIGN TODAY!
"Consignment Open To Everyone!"

For further information & details contact;
Wilson's Auction Sales, Inc.
Dave Wilson
Auctioneer & Sales Manager
P.O. Box 84
Lincoln, Delaware
(302) 422-3454 or 856-2110

CATTLE & MACHINERY DISPERSAL

Earl & Marie Miller
Carrigan Road Triangle, N.Y.

THURSDAY EVE. AUG. 23-84
7:30 P.M.

From Whitney Point take Route 26 North approx 2 mi. to Page Brook Road then approx. 2 mi. to Carrigan Road approx. 1 mi. to farm. Watch for Auction Arrows.

50 QUALITY HI-MILCH COWS & BRED HEIFERS 50

This young herd has a rolling herd average of 15,835M, 678F & 3.7T on owner sample testing. The dairy consists of 50 milch cows, (10) bred hfrs due Aug. & Sept. a few of the hfrs will be fresh by sale date. They are in the following lactations (10) strickly fresh, (15) due Aug. thru Oct. calving and the balance are in various stages of lactations. Several of these cattle are 1st calf hfrs. in this herd that show quality & promise for the future. You'll like this good young dairy. All cattle Vet exam. for preg. interstate accommodations available by calling Jack Wood. More detailed info. on cattle at ringside on production records.

MACHINERY

JD #43-20 Diesel 4 wheel drive Tractor w/JD Cab (good condition), JD #2030 Diesel Tractor (only 1040 hrs. ex. condition), JD #145 hydr bucket loader will be offered separate then as a complete unit w/tractor, JD #145-5 btm 16" trip btm plow w/hydr. side hill hitch, JD #10 side Mount Mower, JD #38 Chopper w/2 row corn head & pickup head, NH #519 PTO spreader, NH #27 Whirl-A-Feed blower, Kasten #20 self unloading box w/3 beaters w/roof on JD #1065 gear (show room cond. 1 yr. old), Kasten #10 self unloading box w/3 beaters w/roof on JD #1065 running gear, Farm trailer for hauling wood.

EXTRA SPECIAL: Int. #1250 Grinder/Mixer (only 1 year old) Mint Condition.

MANAGERS NOTE: This is a good young milky dairy with quality & production to suit & a good line of machinery well kept.

TERMS: Cash or Good Checks
Owners

EARL & MARIE MILLER
Phone 607-692-4310

JACK WOOD LIVESTOCK & AUCTION
SERVICE SALES MANAGER
Cincinnatus, NY
Phone 607-863-4141

Lunch Available

Sale Reports

A Public Auction of real estate and farm machinery was held August 11 by Leon P. and Lorraine G. Weaver, R.D. 1, Ephrata, Pa.

The 1.9110 acre farmette was sold for $42,000 and was located west of Mt. Airy in Clay Township, Lanc. Co., Pa. It was purchased by Mr. and Mrs. Ronald Weaver and included a 2½ story frame dwelling, small barn, corn barn and hog stable.

Also sold were these items: J.D. M tractor $1610, rototiller $100, hutch $200 and a dresser $42.50.

Auctioneers were Paul E. Martin and John D. Stauffer.

XXX

A Public Sale of farm equipment and antiques was held August 11 by Albert Derrick, 574 Park Drive, Carlisle, Pa.

Some prices included: M.F. 275 D tractor $8325, N.I. 323 corn picker $2150, Bush Hog $390, set of plows $390, Int. disc $625, baler $175, N.I. 24' elevator $160, Oliver 4-row corn planter $200, dry sink $385 and 1920 kitchen cabinet $650.

Lamar Sensenig and Melvin Sensenig were the auctioneers.

XXX

A Public Auction of real estate was held August 8 for the estate of Harvey G. Jury, 2 miles east of Matamoras in Powells Valley, Dauphin Co., Pa.

The 45 acres was sold for $61,000 and included a 2½ story dwelling, many large trees around home and wood land on Camp Hebron Road.

Edwin Shopp and David Deibler were the auctioneers.

XXX

A Consignment Auction was held August 10 on the Gordon Wood farm, 6 miles from Mansfield and 4 miles from Wellsboro.

There were 70 Holsteins sold and 3 Jerseys. The top cow was a grade Holstein and she brought $1225. The second high was a registered Holstein for $1200. The average of the animals sold was $700.

Gordon Wood was the sales manager.

XXX

The Annual Amish Parochial School benefit sale was held August 11 four miles west of Mifflintown near the village of Center along old Route 22-322.

Some of the new quilts sold brought: Double Wedding Ring $350, Lone Star $600, light blue Log Cabin $460, navy blue & white Delectible Mountain $400, Puzzle Block wall hanger 40"x40" $350, 9 patch doll quilt $30. The average of the 47 quilts sold was $280.

Some of the new dolls sold included: Farmer in the Dell $30, Amish Boy doll $30, Amish girl doll $60, Laura Ingalls doll $110 and Little Red Riding Hood doll $20.

Bryan D. Imes was the auctioneer.

XXX

An Auction of 240 head of registered and high grade Holstein cows and heifers was held August 11 by Rita-Mae farms, 12633 Coppermine Road, Union Bridge, Md.

The top selling registered Holstein cow brought $1135, the 2nd sold for $1110, and the 3rd for $1050. The top price for a registered heifer was $1025.

The average of the registered and grade animals including the heifers was $626.

Trout Auctioneers, Inc. conducted the sale.

XXX

A Public Auction of machinery and antiques was held August 11 at Columbia Crossroads, Bradford Co., Pa. There were about 500 people attending the sale.

Some prices were: 1978 GMC pickup $5250, 1947 Packard (rough) $525, 1955 Packard (rough) $550, J.D. 830 tractor & loader $4300, Ferguson 35 tractor & blade $2300, J.D. 214 lawn tractor $1620, N.I. flail spreader $500, yarn winder $85, apple peeler $30, 2 wooden block planes $32, cheese box $42.50, lantern $31 and wooden carpenters chest $145. The sale was held by William, Lewis & Kathleen Canfield.

Dick Crittenden Auction Co. managed the sale.

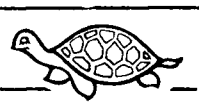
XXX

A Public Sale of body shop equipment and tools was held August 9 by Ben Pickel at 98 N. Ronks Rd., Ronks, Lanc. Co., Pa.

Some prices were: small sand blaster $45.50, ¼ h.p. ventilating fan w/louver $55, floor jack $85, 4 ton portor power $47.50, tire balancer $72.50, 10 h.p. compressor $1000, Bismark tire changer $305, bench grinder $41, spray gun $105, acetylene torch $365, 2 gal. sprayer $80 and battery charger $50.

Auctioneers were Elvin Siegrist and Alvin

DON'T BE SLOW



Call Now To Place Your CLASSIFIED AD
Ph. 717 394-3047 or 717-626-1164

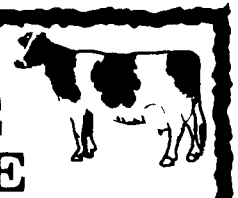
HOULE • Liquid Manure Pumps • ELECTROMIX • Barn Cleaner Chains

WIC • Bedding Choppers • Silage Carts • Manure Tanks

US AGRI-SYSTEMS 800-222-2948 (301-398-2948) local • Free Stalls • Self-Locking Panels • Comfort Stalls • Gutter Grates

Available From
FORSHEYS INC.
(814) 793-3792
Also See Ad On Pages B24 & 25

DAIRY CATTLE SALE



FRI., AUGUST 24, 1984
7:00 P.M. (Time Change)
PENNS VALLEY LIVESTOCK AUCTION
CENTRE HALL, PA.
(At the intersection of Rt. 45 and 144)

— Bulls — Cows
— Springers — Heifers

EARLY CONSIGNMENTS APPRECIATED
HEALTH CHARTS FURNISHED
Ron Gilligan - Auctioneer
AU000339-L
(814) 364-9096 (814) 364-1796

★★ NOTICE ★★
Dairy Sale Every Fourth Friday Of The Month
-Next Sale September 28, 1984-

Restaurant Open

Public Auction Register

Closing Date Monday, 5 00 P M
of each week s publication

AUGUST

SAT AUGUST 18 - 12 Noon Public Auction of the 5th Annual Prince Plaudit Production Sale of Appaloosa Horses Located in Strattanville, PA. Rim Wolk Farm, Dave Stahlman, Owner Davis & Templeton, Auctioneers

SAT. AUGUST 18 - 9 AM Public Auction of the 16th Annual Community Sale Selling Farm Equipment, Household & Antiques. Located at Leesport Auction Grounds, Rt. 61 N. of Reading, PA. Sponsored by the Berks Co. Ponoma Grange. 7 Auctioneers

SAT AUGUST 18 - Public Consignment Sale of the Kutztown Fire Co Located 2 miles north of Rt. 422 on Rt. 645 Contact Henry Brubaker 717-866-2702

SAT AUGUST 18 - 10 AM Public Auction of a 23 Acre Farm, Antiques, Collectibles, Household Furnishings, Farm Equipment and Tools. Located midway between Fisherville and Enders in Jackson Twp, Dauphin Co, PA. 25 miles northeast of Harrisburg, 5 miles east of Halifax Turn off Rt 225 at Victor House Restaurant in Fisherville Go east toward Enders about 2 miles Mabel E Snyder, Owner Mike & George Deibert, Auctioneers

SAT AUGUST 18 - 9 30 AM Public Auction Liquidation Sale of Harvest Equipment, Tools, Antiques & Household Items Located in York Co, PA Take Interstate 83 to exit 12, go east on 295 two miles Cross cement bridge and turn right on Craigmoore Rd. Follow 3 miles to Grandview Drive turn right 1st farm on right in lane Buck Shelly, Owner Blaine N & Nevin B Rentzel, Auctioneers

SAT AUGUST 18 10 AM Public Auction of Real Estate, Household Goods, Antiques, Collectibles, Guns, Equipment & Tools Located in Lykens, R D 1, PA, North of Loyalton, between Loyalton and Crossroads. (Take Rt 209 north to Loyalton, approx 2 miles north on Leg Rt 22035 for approx. 2 miles, north on Rt 25 from Berrysburg to Crossroads and approx. 1½ miles south on Leg. Rt 22035 toward Loyalton, PA) Mrs Josephine Gonder, Owner Edwin Shoop & David Deibler, Auctioneers

SAT AUGUST 18 - 8 30 AM Public Auction of the Bareville Fire Co's 9th Annual Sale Selling Furniture, Antiques, Quilts, New Tools, Sporting Goods & Groceries Located at 211 E Main St, Leola, PA

SAT AUGUST 18 - 9 AM Public Sale of Real Estate, fine antiques, household goods and tools Located along Maple Shade Rd, village of Kirkwood, Colerain Twp, Lanc Co, PA (take Rt 472 south of Quarryville at village of Kirkwood turn right onto Maple Shade Rd to sale Watch for signs) Mary L Howett Estate, Owner Howard Shaub and Roy C Probst, Auctioneers

SAT AUGUST 18 - 9 AM Public Auction of a Poultry and Fruit Farm, Tractors, Machinery, Orchard Equipment, Etc Located off Green Valley Rd., North Codorus Twp., York Co. along Spangler Rd., midway between Jefferson and Seven Valley's From Rt. 30, take 616 to Seven Valleys. Proceed on Green Valley Rd. Michael H. & Donna W. Lecrone, Owners. C.C Miller & Sons, Auctioneers.

SAT. AUGUST 18 - Public Auction of Sawmill, Horse Drawn Machinery, Farm Related Items, Some Household and Antiques Located in Snyder Co 2 miles west of Meiserville Sam M. Troyer, Sr, Owner. Brian B Imes, Auctioneer.

SAT. AUGUST 18 - 10 AM Public Auction of 6 Acre Farmette, 2 Tracts of Woodland, Household Goods and some Antiques. Located along Peiffers Hill Rd. about 2 miles N E. of Reamstown, Lanc. Co., PA Turn off North Main St at Kramers Mill Rd to Peiffers Hill Rd Also about 2 miles from turnpike entrance Eugene W Haldeman and Patricia Nichols, Executors Cloyd L Haldeman Estate H H Leid Auction Service, Auctioneers

SAT AUGUST 18 - 10 AM Public Auction of Real Estate, Household & Tools. Located on Danville R D 6 off Sunbury Rd on Ave G towards Snydertown (6 miles) Pass Rothermel Meats Go 2 3 miles to the former Larence Farm Robert & Patrica Folk, Owners John Autotore & John, Jr, Auctioneers

SAT AUGUST 18 10 30 AM Public Auction of Clean Farm Machinery and Registered Angus. Located on Sutton Rd, 1 mile south of Califon, NJ, 9 miles N W of Oldwick, NJ Use Interstate Rt 78 to Oldwick Exit, take Rt 517 north about 6 miles to blinker light Take Rt 512 west to Guinea Hollow Rd to Sutton Rd to farm. 1726 Farm, Owner Col Fred R Daniel, Auctioneers

FARMERSVILLE AUCTION

TUESDAY, AUGUST 21, 1984

4:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

House lots from Ephrata & Lanc. plus additions.

3 pc. dark bookcase bedroom suite, mahogany china closet, 3 pc. blonde bookcase bedroom suite, large Victorian marble top table, dovetailed blanket chest, large oak dresser with supentine front, rope bed, double and single boxspring and mattresses, maple bookcase bed, 2 pc. living room suite, blue sofa bed, sewing machine, cottage dresser, G.E. upright freezer, Philco refrigerator, double brass bed, queen size bedding, Victorian mirror, depression pitcher, Ithaca model 900 12 ga. shotgun, Elgin pocket watch, Waltham wrist watch, pocket knives, sleigh bells, depression glass, etched stemware with cobalt bases, kerosene lamps, old ice cream dipper, baskets, 7 pc. blonde dining room suite, Lazy Boy recliner, round oak table, 6 T back oak chairs, walnut, china closet, metal sink, depression dressers, oak arm chairs, maple vanity, step ladders, extension ladder, lg. beveled edge mirror, maple single beds, cane seat rocker, overstuffed chairs, hide-a-bed lawn chairs, garden tools, chest-of-drawers, Kitchenaide mixer, swivel chair, fans, old post cards, Scotts push mower, Maytag washer with gas engine, wool blankets, pillows, dishes, small items, box lots, etc. etc.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

Lester Weaver Auctioneer
AU-982-L
Tue., Aug. 28 House lot from Lititz
Thurs., Aug. 30 Grocery Sale

PUBLIC AUCTION

SAWMILL & LEASE, 3 FORKLIFTS & J.D. 544 LOADER TRUCKS & LOTS OF LUMBER

The undersigned discontinuing business will sell on the premises at 1588 Jarrettsville RD, 2 miles East of Jarrettsville, Harf. Co., Jarrettsville, MD ON:

SATURDAY, AUGUST 25, 1984

At: 9:30 A.M.

SAWMILL - Frick sawmill w/circular blades, 24 ft. log carriage w/elec. log turner, 50 ft. roller; 75 HP, 3 ph. elec. motor; 20" cut off saw w/3 HP elec. motor, welded steel & chain; 25 ft. slab elevator w/1 HP elec. motor w/gear drive; 2 saw edger w/24" tbl. Adj. w/3 hp. elec. motor.

LEASE - The above items will be offered separately & together & sold in the manner producing the most money; if sold together a lease on the Mill Blds. & 3 acres zoned for Sawmill use will be available for 3 yrs. at $400 per month.

OTHER MILL EQUIP.-54" & 60" circular head saws; 50 HP, 3 ph. elec. motor, other 5 to 1 HP elec. motors; 2 Echo & 1 Stihl chain saws; wedgemalls, chain & tighteners; elec. dbl. grinder; drill press & elec. motor; lot wrenches; hyd. & trans. oil; 230 amp. welder; air compressor & tank; LP & ox welder; chunk & potbelly stoves; pullies; all types bolts & fastners; banding machine w/clamps; 8 steel oil tanks; 2-250 gal. diesel tanks w/pumps; jacks; grease guns; assort. tires; desk & chair.

EQUIPMENT — 1983 Sellick Model 8000 fork lift, 24" tires, 4 wheel drive, 470 hr. Ford Diesel - 5 ft. forks w/32 ft. mask, side shift, 45 tilt; 1973 Warner-Swasey 24" tires Model 1200 Ford Diesel 14 ft. mask; Towmotor forklift, 5000 lb. capacity, new brakes, new tires; John Deere 544 A tire loader diesel w/1½ yd. hyd. bucket & log forks, 500 hr. on new motor & trans.; I.H.C.T.D. 6 track loader, 6 cyl. diesel w/4 & 1 hyd. bucket; Ford 8N tractor w/new rear tires - 3 pt. hitch & p.t.o. V.G.; 3 Axel lowboy, 18 ft. w/ramps, jack & hitch.

MOBIL OFFICE — Truck & cars; 40 ft. x 10 ft. Arron Mobil office w/2 drs., bath, BR & lrg. office area; 1975 Chev. C65 (35,000)#, 5 spd. & 2 spd. rear, 73,000 miles, 14 ft. steel dump w/alum. sides; 1975 Ford F600 (25,000 lb.) 80,067 miles w/new motor; 5 spd. & 2 spd. rear w/16 ft. steel dump w/trailer hitch & brakes; 1976 Chev. LUV pickup, 6 ft. bed, AM-FM CB; 1962 F350 Ford 6 cyl., 4 spd. w/utility body; 1954 Chev. ½ T pickup, 3 spd., 6 cyl.; 1952 Plymouth, 4 dr. for parts; 1953 Dodge 4 dr., 6 cyl.; 1959 Chevl. ½ T pickup, 6 cyl., 3 spd.; 1954 Chev. 2 dr. new front 6 cyl. & spd.; 1969 & 70 Chevelle for parts.

LUMBER - Sold in lrg. & sm. lots; approx. 50,000 board feet, oak-poplar - cherry - walnut - maple - ash - pine; 2x4-6-8-10; 4x4-6; 6x6; lots of ½" sheathing & siding boards, some air dried for 5 yrs; 75 locust posts.

LUNCH SERVED

TERMS: Cash or Personal Check w/Proper ID Out-of-state checks need bank letter of credit or prior approval.

JOHNSON SAWMILL

WILLIAM H. AMOSS, AUCTIONEER
Complete Auction & Appraisal Service
2303 Bel Air Road
Fallston, Maryland 21047
PHONE: (301) 879-7272

CONSIGNMENT SALE

for Lawn & Garden Equipment

Monday, Sept. 10, 1984

4 P.M.

LOOK AROUND - TURN YOUR EQUIPMENT INTO CASH

Consign Now!

AT

FARMERSVILLE EQUIPMENT INC.

RD 4, East Farmersville Rd., Ephrata, PA 17522
Located in The Village of Farmersville
Lancaster County
717-354-4271

Auction Conducted By:
Paul E. Martin, AU-001601-L (717) 733-3305
John D. Stauffer, AU-001509-L (717) 665-5099

Dealer Consignments Welcome

TWO DAY AUCTION

DAIRY CATTLE — FARM MACHINERY

THURSDAY, AUGUST 30 & FRIDAY, AUGUST 31

Discontinuing farming, the undersigned will sell at Public Auction on the "Leroy Thompson Farm" located at 19304 Mouth of Monocacy Rd., Dickerson, MD., just east of Route 28, near Dickinson and south of Buckeystown, in Montgomery County, MD. Follow sale signs.

THURSDAY, AUGUST 30, 1984

AT 10:00 A.M.

210 HOLSTEINS DAIRY CATTLE 210

In this grade dairy herd there are 160 milk cows of which 14 are fresh 1st calf heifers and 4 others due by Sale Day. 40 cows have freshened in the past 30 - 60 days. 35 close dry cows; some springing and others will be fresh by Sale Day. There are 44 open heifers from started calves to heifers old enough to breed this fall. 1 SERVICE AGE HOLSTEIN BULL. 2 Holstein-Angus & Red Holstein steers. Cattle will be T.B. & Bangs tested for interstate shipment and checked for Pregnancy. Sale under cover. Loading chute available. Cattle information at ringside.

DAIRY EQUIPMENT

Bou-matic milking system for double 8 parlor. 8 units, 2" lines, pump, etc. Mueller 1500 gal. S/S milk tank, (2) 4 HP Dunham Bush compressors, auto. washer.

SALE ORDER: Dairy Equipment, Dairy Cows, Heifers.

FRIDAY, AUGUST 31, 1984

AT 10:00 A.M.

MACHINERY — TOOLS — TRUCKS — HAY

7 TRACTORS: White Model T-7000/625 4 cyl., 4 wheel drive diesel tractor, SN 00304, with Model QA1730 hyd. manure loader & 3 pt. hitch (ex. cond.); White Model 2-70 diesel tractor, SN 279204-412 with wide front axle & roll bar; IHC Model 1066 diesel tractor, SN 027076, with wide front axle, partial cab; IHC 966 F-H diesel tractor, SN009753, w/wide front axle; IHC M Farmall, SN 246062; GEHL MODEL 4500 GAS SKID LOADER; IHC Farmall B gas tractor, SN 8638 BC.

MACHINERY: N.H. 315 baler w/thrower; N.H. 479 haybine; N.H. 258 hay rake; (2) N.H. 880 field harvesters, corn & grass heads; N.H. 32 ft. elevator; (4) Danco pipe rack hay wagons; (2) Grove wood rack hay wagons; Grove silage wagon; (2) J.D. 716 tandem silage wagons; Kools KB-54 blower; IHC 710 auto reset 5 x 16 plow; IHC 55 3 pt. 13 ft. chisel plow; Bush-Hog 13 ft. disc harrow; IHC 270 disc harrow; IHC F/H 4 row cultivators; IHC 510 18 x 7 grain drill; IHC 3 x 14 tripback plow; N.I. 224 tandem axle manure spreader; Brillion STT02 wheel barrow; Bush-Hog 160 13 ft. rotary mower; Century 500 gal. field sprayer; Danuser 3 pt. post hole digger; Rhino 3 pt. scraper; IHC 455 4 row corn planter; Bale Giant B-73 hay conveyor; M.C. 75 hay crusher; Waldon Model WD8 mounted snow plow (like new); misc. equipment.

TOOLS: J.D. MODEL 340, 440 & SPITFIRE SNOWMOBILES; power hack saw; hyd. press; hyd. floor jack; Forney welder; Winpower PTO generator; cutting torches; Echo 20" chain saw; Coats air tire changer; Sears air compressor; Chicago floor type press & vise; truck tarp; battery charger; bolts; elec. motor; log chains; welding table; ext. cords; grease guns; etc.

SHARKLINE SEASPRAY 18X33 OVAL ABOVE-GROUND POOL W/ 17" JACCUZI FILTER & 1/2 HP PUMP - REMOVAL SEPT. 30, 1984
1975 FORD MODEL F-250 4 WHEEL DRIVE PICKUP, 136,000 MILES
1971 FORD MODEL F-250 SINGLE AXLE TRUCK, W/18 FT., 30 TON HOIST OMAHA CATTLE & GRAIN BODY, 5 SPD. TRANS., 2 SPD. REAR
APPROX. 5,000 BALES OF 1984 HAY

SALE ORDER: Tools, small equip., hay, machinery.

TERMS: CASH/CHECK on day of sale. 5% MD. sales tax collected on applicable items.

Not responsible for accidents.

SINCE 1920
Trout Auctioneers, Inc.
15 North Court Street/Frederick Maryland
301/663 1555
"Experience Doesn't Cost — It Pays"

BRUCE AND SHARON SAVAGE
19304 Mouth of Monocacy Rd.
Dickerson, MD

Lunch Available

PUBLIC AUCTION

At Dover Downs Raceway (Parking lot), Route 13, one mile north of Dover, Delaware.

50 OR MORE - LATE MODEL MOBILE HOMES - 50 OR MORE

SATURDAY, AUGUST 25, 1984

At 10:30 A.M.

NAME BRAND MOBILE HOMES TO INCLUDE

"REDMAN" - "SKYLINE" - "WINDSOR"
"TIDWELL" - "REMBRANT" - "SCHULT"
"HOLLY PARK"

Several expando models, some with shingle roofs, 10' and 12' and 14' wide homes, 2 and 3 bedroom floor plans, many late models 1980, 1981 and 1982 and 1983's.

Many of these homes are bank and finance company repo's, suitable for rental, resale, storage, family living.

Most homes have appliances, some are furnished, conditions range from excellent to poor.

TERMS: CASH, CERTIFIED CHECKS, OR CHECKS WITH BANK LETTER OF CREDIT. A 20% deposit day of sale, non refundable. Balance due on or before Aug. 28 by 5:00 p.m. All homes must be removed from premises by Aug. 29. Transporters will be available. Arrangements can be made for transport day of sale. All sales final. Everything sells "as is". Arrangements for financing can be made Wed., Thurs., Fri. on the premises.

INSPECTION: From Wed., Aug. 22, thru morning of sale. Homes open from 10 a.m. to 7:30 p.m.

Rudnick Associates, Auctioneers
P.O. Box 9494, Wilmington, Delaware 19809
Phone (302) 764-3347
For Additional Information, Call Auctioneers

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

SAT AUG 18 10 AM Public Auction of Farm Machinery Located 1 mile south east of Seven Valleys off of the Yellow Church Road Mr & Mrs Emmert Sweitzer, Owners Charles L Wehrly & Son, Auctioneers

SAT AUG 18 9 30 AM Public Auction of Antiques, Personal Property and Household Goods Located 2 miles south of the village of Bowmansville along Center Church Rd, in Bricknock Twp, Lanc Co, PA Directions 1 mile south of Bowmansville, turn off Rt 625 onto Spook Lane, go to stop sign Turn left onto Center Church Rd Willis and Lucy Zimmerman, Owners LeRoy S Horst & Paul W Horst, Auctioneers

SAT AUG 18 12 Noon Public Auction of the Chesapeake Classic Cattle Sale Located in Tolchester, MD Held at the Kent Co Ag Center, eastern shore of Maryland 10 miles south of Chestertown on Rt 20 to Rt 21 A Doty Remsburg, John Merryman, Dave Younger, & Ray McEnrow, III, Auctioneers

SAT AUGUST 18 9 30 AM Public Liquidation Auction of New and Used Equipment Located at 637 Markley St, Norristown, PA Granite Corp, Owners Hess & Moyer, Auctioneers

SAT AUGUST 18 - 10 AM Public Auction of Model A & B Antique Ford Parts, Trucks, & Household Located 7 miles northeast of Jim Thorpe, off Rt 903N, Unionville, PA, Carbon Co Lloyd Kuehner, Owner Curt, Doug, Tim House, Auctioneers

SAT AUGUST 18 - 9 AM Public Auction of Antiques and Household Goods, Tools, Guns and Cars Located at the Smokestown Fire Hall between Denver and Rt 897 along Smokestown Rd, East Cocalico Twp, Lancaster Co, PA Take Rt 272 - turn north onto Rt 897, 2nd road left Harvey C Getz, Owner T Glenn Horst & Timothy G Horst, Auctioneers

SAT AUGUST 18 - 9 30 AM Public Auction of Tractors, Farm Machinery, Household Goods Located at R D 1, Palmyra, E Hanover Twp, Lebanon Co, PA From Rt 22 turn south onto Gravel Hill Rd to farm on left or turn north off Rt 422 onto Railroad St in Palmyra, then Gravel Hill Rd, cross Swatara Creek and turn right onto Dairy Lane to farm on left Willis & Frances Keyton, Owners Harry H Bachman, Auctioneer

SAT AUGUST 18 10 AM Public Auction of Construction Equipment and Trucks Located in Chambersburg, PA at E D Plummer Sons' yard on Rt 11 Vilsmeier Auction Co, Inc, Auctioneers

SAT AUGUST 18 - P & S Equip Co Liquidation of Surge Dairy Equipment, Patz Equip, Trucks, Boat, Car, Trailers & Fork Lift at 9 30 A M Grier Nursery Rd, Street, MD From Whiteford MD, take Rt 165 South approx 4 mi to Grier Nursery Rd, south on Grier Nursery Rd approx 2 miles to store From U S Rt 1 at Hickory, MD, take Rt 543 North 4½ mi to Cherry Hill Rd, then east to Grier Nursery Rd Proceed north 1 mi to P & S Equip Co, Harford Co, MD

SAT AUGUST 18 - Real Estate (258 acres) 11 AM at Independence Twp, Warren County, NJ Max E Spann, Inc, Realtors

SATURDAY AUGUST 18 - Public Auction Benefit for the Honeybrook Fire Co Selling Quilts Located in Honeybrook, PA Steve Petersheim, Auctioneer 717-786-4624

SATURDAY AUGUST 18 - 10 30 AM Public Auction of 3 Tractors, Machinery, Feeders, Feed, Vet Supplies, Household and Misc Items Located north of Hagerstown, MD and south of Greencastle, PA. off I-81 on PA exit #1, ½ mile west on Rt 163 First farm on right Clarence & Dorothy Grove, Owners Robert C Mullendore, Auctioneer

SATURDAY AUGUST 18 - 9 AM Public Auction of Household Property Located at Kauffman Station Community Center, 6 miles south of Chambersburg, Franklin Co, PA Turn east off US Rt 11 at Cross Roads Dairy Edgar J Stull, Dietrich, Custer, Auctioneers

SATURDAY AUGUST 18 1 PM Public Auction of a Dairy Herd Dispersal Selling 38 Quality Holsteins Located in Lenox Twp, Susquehanna Co 3 miles north of Rt 92 at Glenwood, PA, 8 miles north of Nicholson and 3 miles from Rt 11 at Hop Bottom, PA Mr Joseph Bennett, Owner Wayne E Weaver, Auctioneer

MON AUGUST 20 10 AM Public Auction Sheriff's Sale of Farm Machinery, Dairy Equipment and Dairy Cattle Located taking US business Rt 15, 2 miles south of Gettysburg, PA Turn right onto Pumping Station Rd and continue 5 miles Turn left onto Middle Creek Rd Go 1 mile and turn right onto Rohrbaugh Rd, continue to site Bernard V Miller, Owner C David Redding, Auctioneer

MON AUGUST 20 - Public Auction of Farm Machinery 11 AM at Rudnicks Sales Place at Galena, MD Harry Rudnick & Sons, Auctioneers & Sales Managers

TUES AUGUST 21 - 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, PA

TUES AUGUST 21 - 9 30 AM Public Auction of Horses - 40 Head Registered Morgan's, Horse Drawn Equipment and Tack Located at the Lebanon Area Fairgrounds situated in North Cornwall Twp, Leb Co., PA. ½ mile east of Rt 72, 2 miles south of Lebanon Brown's Hoss-Pitality Stables, Owners Earl S Buffenmeyer & Oldie Adcock, Auctioneers

TUES AUGUST 21 - 7 PM Absolute Public Auction of a 62+ Acre Approved Development Tract approved for town houses and single family dwellings Located in Wernersville, only 7 miles west of Reading, Lower Heidelberg Twp, in rapidly expanding Berks Co, PA Kenneth A Geyer Auction Co, Inc

TUESDAY AUGUST 21 - 11 AM Public Auction of Hi Grade Holstein Herd, Semen Tank, Cattle Chute, SS Dispenser Cans, Etc Located in Dauphin Co, 18 miles north of Harrisburg from Rt 322 Go north on Rt 225 to Matamoras Rd right, 1st farm ½ mile north of Camp Hebron Earl & Evelyn Dehemey, Owners Steve Petersheim, Auctioneer

TUESDAY AUGUST 21 - 5 PM Public Auction of Real Estate and Household Equipment Located at 291 Acre Drystock Farm, Georgetown, NY ½ mile off NYS Rt 80 between Georgetown and Sheds on the Chapin Rd From Rt 26 between Georgetown and Otselic, take Bronder Hollow Rd. to Chapin Rd Richard Lollman, Owner Parker Auction & Realty Co, Col Hugh R Parker, Auctioneer

TUESDAY AUGUST 21 - 11 AM Public Auction of a Machine - Tool Sale Located at 251A Welsh Pool Rd, Pickering Creek, Ind Park, Lionville, PA 5-6 miles north of West Chester, PA, 1½ miles north of Exton (Rte 30) on Rt 100 Just south of PA turnpike, Downingtown exit (Rt 100) SECO Bhne Co, Owners J M Boswell, Auction Marketing Assoc, Auctioneers

REAL ESTATE AUCTION

176 ACRES FARM & BUILDINGS

SATURDAY, SEPT. 1, 1984

1 P.M.

Auction to be held at the property located 3 miles from Jackson, Susquehanna Co., PA Take Exit 64 off I-81 at Lenox, Route 92 North 10 miles to Village of Jackson. Turn right toward Thompson 2 miles, then right again ¾ of a mile, then left to farm. There will be signs from I-81. These signs will be posted 2 weeks prior to the sale for your inspection.

Approximately 176 acres w/extensive frontage on two township roads (Lying both sides of one road), 13 room house, barn, other out buildings, springs, wells, stone fences, fields, meadows, woods, abundant wildlife, fantastic vews in all directions. Would divided easily, but will be sold in entirety. Approximately 4 miles from Elk Mountain Ski Resort.

Being sold for the Estate of Clayton N. Stalker. Subject to court approval. County National Bank Trust Department, Executors of the Estate of Clayton N. Stalker.

Terms: $10,000 Deposit at the close of bidding by certified check to auctioneer, remainder to be paid at 30 day closing. Sellers to provice good marketable deed. For more information call auctioneer.

AUCTIONEER: Jim Andriance
Montrose, PA
License #000004
717-278-1574

Auction

7TH FARM MACHINERY CONSIGNMENT AUCTION

SATURDAY, AUGUST 25, 1984

AT 10:00 A.M.

LOCATION: On Jim Trout's Farm, 10104 Dublin Rd., Walkersville, Fred Co., MD. From Frederick take Rt. 15 North to Devilbiss Bridge Rd. & turn right, straight to Dublin Rd. & turn left, straight to sale site. From Rt. 194 take Devilbiss Bridge Rd. & turn right on Dublin Rd. to sale site on left.

COMBINES: N.H. TR70 w/6 row corn head, 13½ ft. grain table, exc. cond. w/exc. financing, less than 10% down; J.D. 6600 w/6 row corn head & 13 ft. grain table; J.D. 45 w/2 row corn head & 10 ft. grain table.

TRACTORS: J.D. 5020 Turbo diesel w/wide front, exc. cond.; J.D. 4020 w/narrow front; IHC 450 gas w/3 pt. hitch & front end loader; Oliver 1250 gas w/wide front & front end loader; Farmall M w/hydraulics; Farmall H w/rebuilt motor; Ford 900 w/2 row mounted corn picker.

HARVESTERS: N.H. 770 w/2 row corn head & direct cut head; Hesston 7160 w/2 row corn head, 1000 RPM, hyd. controls, new cond.; (2) J.D. 38 harvesters w/2 row corn heads; N.H. SP 717 w/2 row corn head; Gehl 1000 w/2 row corn head, pickup head & direct cut head; Bear Cat flail chopper; N.I. 2 row pull type picker w/sheller unit, gravity flow grain wagon; N.H. 23 silage blower; N.H. 26 silage blower; N.H. 27 silage blower; Owatonna stacker w/hyd. push out; Owatonna stack mover.

MISCELLANEOUS EQUIPMENT: Binkley Wilbeck 12 ft. digger disc; Glenco 9 ft. soil saver; J.D. 3 bottom plow; IHC grain drill; J.D. grain drill; Haybuster 1068 no-till drill w/balance tanks; M.C. 10 ft. stalk cutter; J.D. 36 ft. hay elevator, exc. cond.; Mayrath hay elevator; N.H. 351 grinder mixer; IHC 575 manure spreader w/hyd. tail gate; N.H. 790 manure spreader w/hyd. tail gate; Oliver manure spreader; N.H. 575 manure spreader; 6 ft. pull type Bushog rotary mower; N.H. 461 haybine; (2) J.D. 1209 haybines.

DISMANTLED ROUND WIRE CORN CRIB

1971 GMC 4500 (2) ton grain truck w/14 ft. dump bed w/4 ft. sides, 40,000 orig. miles; 1973 Chev. 1 ton truck w/cattle body; 1975 Dodge 4 wheel drive pickup; 1968 Ford pickup; 1974 Ford pickup; 1975 GMC 3/4 ton pickup w/tool box body; pickup cap for a compact pickup truck.

TERMS: Cash/Check on day of sale. Not responsible for accidents.

"Lunch Available"

SINCE 1920

Trout Auctioneers, Inc.

15 North Court Street/Frederick, Maryland
301/663-1555
"Experience Doesn't Cost — It Pays"

PUBLIC SALE

REAL ESTATE - PERSONAL PROPERTY
HOUSEHOLD & ANTIQUES

SATURDAY, AUGUST 25, 1984

9:30 A.M.

In the Village of Upper Lawn, S. Londonderry Township, Lebanon Co., Pa.

Directions: From Lebanon or Elizabethtown - follow Route 241 to Lawn, at Lawn Garage turn North on Railroad Street.

14 room, 2½ story frame dwelling with 2 car garage, situated on Approximately ¾ acre of land; kitchen & 5 rooms on first floor, 6 rooms & bath on second floor; full basement, oil fired hot water baseboard heat, private well. Slate & asphalt shingle roof, in good state of repair. Large front porch, built in sun porch on second floor. Well kept lawn with shade trees, shrubbery & flower gardens.

"Personal property" - Pine corner cupboard with 4 doors and 12 lights, 3 pine blanket chests - one with strap hinges - miniture pine chest, two-3 piece oak bedroom suites, oak stand with brown marble top, ¾ simmons bed, oak library table, umpire chest of drawers, wash stand with teardrop pulls, pine dresser with drop pulls, oak desk with bookcase and oval glass door, drop leaf table, oak side board with mirror, 8 pc. maple dining room set, pressed back cane seat chairs, parlor stands, end tables, plank bottom chairs, child's cheese cutter rocker, bentwood chairs, maple vanity dresser, child's wooden cradle, small and large camel back trunks, 3 piece wooden patio set, two steroscopes with picture cards, picture albums, post cards, large amount of picture frames, kerosene lamps, small tiffany lamp, floor and bridge lamps, silver and brass candlesticks, silver flatware, copper tea kettle, candle snuffer, tin spice set with box, coffee mill, 1865 New York Herald Newspaper with Lincoln assassination, old deeds and papers, original Currier and Ives picture, books, magazines, brass jewelry box, small rag doll with bisque head, quilts, coverlets, braided rugs, linen table cloths, dresser scarfs, bedding, baskets, redware crocks, jugs, jars, bottles, iron stone china, gaudy dutch, copper luster, Flo blue, glassware, tin ware, some coins, small amount of tools small safe, 5 cast iron radiators, many sovineers and collectibles not mentioned.

Conditions by

MRS. RUIE REED SPANGLER, Owner
L.E Meyer, Atty.
411 Chestnut Street
Lebanon, Penna. 17042

Ralph B. Heisey, Auct. AU-000-400-L
John Cooper AU-001-332-L
For inspection of property call 964-3427
Property will be offered for sale at 12 Noon
10% down day of sale, balance in 30 days
Not responsible for accidents.
Refreshments by Lawn E.C.C. Church

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

TUES AUGUST 21 Holstein cows & heifers sale 7 PM at Rudnick's Dairy Barn, Rt 213, Galena, MD Harry Rud nick & Sons, Inc

WED AUGUST 22 - 6 PM Public Auction of the Pennsylvania Department of Agriculture's Meat Animal Evaluation Center Sale of Boars Located at 651 Fox Hollow Rd , State College, PA 16801

WED AUGUST 22 4 30 PM Public Auction of Antiques and Household Goods, Tools, Guns and Cars Located at the Smokestown Fire Hall between Denver and Rt 897 along Smokestown Rd , East Cocalico Twp , Lancaster Co , PA Take Rt 272 - turn north onto Rt 897, 2nd road left Harvey C Getz, Owner T Glenn & Timothy G Horst, Auctioneers

WED AUGUST 22 & THURS. AUGUST 23 - 9 AM Public Auction of Overhead Cranes, Tools, Pipe Etc Located in Oswego, NY at Niagara Mohawk's Oswego Steam Station on 3rd Ave Vilsmeier Auction Co , Inc , Auctioneers

WED AUGUST 22 - 9 AM Public Auction of Office Furniture and Fixtures, Air Conditioning Equipment & Broiler House Equipment Located at Millersville University, Millersville, PA Millersville University, Owners James W Frey, Jr , Richard B Eckman & John R Gockley, Auctioneers

WED AUGUST 22 - Carriage, Sleigh & Antique Auction at Martins Sales Pavilion, two miles East of Intercourse, PA , on Rt 340 at 5 PM Martin Auctioneers, Inc , P O Box 477, Intercourse, PA 17534

WEDNESDAY AUGUST 22 - 1 PM Public Auction of a Dairy Herd Dispersal Located at the Belleville Livestock Market, Belleville, PA

THURS AUGUST 23 9 30 AM Public Auction Consignment Sale of Tractors, Farm Equipment and Trucks Located 4 miles west of Kenton, Del at Everetts Corner, Rts 300 and 44 C T Scuse & Sons, Auctioneers

THURS AUGUST 23, FRI AUGUST 24 & SAT AUGUST 25 - Carriage, Sleigh & Antique Auction at Martins Sales pavilion, two miles East of Intercourse, PA , on Rt 340 at 9 30 A.M Martin Auctioneers, Inc , P O Box 477, Intercourse, PA 17534

FRI AUGUST 24 - 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI AUGUST 24 - 7 PM Public Auction of the Lebanon Co Holstein Club Annual Holstein Sale. Located at the Lebanon Area Fairgrounds, Lebanon, PA Harry H Bachman, Auctioneer

FRI AUGUST 24 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUGUST 24 7 PM Public Auction of an Apartment Located between 10th and 11th streets on the corner of Mulberry and Court Streets. Reading, PA Paul Diem, Owner LeRoy S Horst, Auctioneer

FRI AUGUST 24 - 7 PM Public Auction of a Dwelling Located at 138 Buttonwood St on the east side of Reading, PA Paul Diem, Owner LeRoy S Horst, Auctioneer

FRI AUGUST 24 - 7 PM Public Auction of a Dwelling Located at 311 Walnut St , Reading, PA Paul Diem, Owner LeRoy S Horst, Auctioneer

ADVANCE NOTICE

RALPH L. EBERLY ESTATE
PUBLIC SALE OF PERSONAL PROPERTY & VALUABLE REAL ESTATE
SAT., OCT. 27, 1984 11:00 A.M.
Farm—Approx. 119.62 Acres.
Tract of Land—Approx. 24 acres 3 perches, Millcreek Twp., Lebanon Co., Pa.

Location: Along the Stricklerstown Road between Cocalico and Newmanstown, Pa
DIRECTIONS: From Schaefferstown, Pa take Rt 419 North to village of Millbach (approx 5 miles) turn right at church, go to stop sign, turn right (go approx ¼ mi) turn left (Legislative Rt 38012) go approx 1 mi to intersection (crossroad) turn right on to Stricklerstown Road after turning right, go approx ¼ mi to 1st farm on the right 2 miles Southwest of Newmanstown
PARCEL #1 - Approx 119 62 acre farm w/approx 4521' road frontage, approx 96 acres tillable, pasture w/never failing stream, 2 story sand stone, 5 bay bank barn, 2 story implement shed w/corn cribs and 2, 2½ story dwellings
PARCEL #2 - Approx 24 acres 3 perches tract of land w/approx 8½ acres tillable, balance woodland w/stream at the foot of the South Mountain
Both parcels will be sold seperately. Complete details at later date or for more information on properties, phone auctioneers (717) 865-5129 or (717) 272-7078.

Terms & Conditions by
ORDER OF ADMINISTRATORS
Paul A. Eberly (717) 949-3653
Curt W. Eberly (717) 949-6842
Hugh L. Eberly (215) 589-2011
William E. Schadler Atty.
Clayton C. Kleinfelter & Sons
Auctioneers AU-000497-L
105 Chapel St. Lebanon, Pa. 17042

CONSIGNMENT HORSE SALE

SPECIAL DRAFT & DRIVING HORSES
Also
RIDING & SLAUGHTER HORSES
SATURDAY, AUG. 25, 1984
11:00 A.M. Sharp
Tack To Be Sold At 8:30 A.M.

Keister's Middleburg Auction Sales, Inc. Rt. 522 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.

Work Horses.
Lot of Local Draft Horses.
Several loads sharp Standardbred Driving Horses.

For information call: 717-922-1490 or 717-837-2222 or 717-523-0360
Keister's Middleburg Auction Sales, Inc.
Rt. 522 R.D. 3 Middleburg, PA
Owners,
DON & WALT KEISTER
Ray Long & Dave Imes, Auctioneers
Terms: Cash Trucking Available Restaurant Open

PUBLIC AUCTION

SATURDAY, OCT. 6, 1984
at 10:00 A.M.
Corner of Lykens and Mountain Roads in Mifflin Township, Dauphin County, Pa.; Second Farm West of Kolva's Sawmill; 1 Mile North of BERRYSBURG; 36 Miles NE of Harrisburg (watch for auction sign along Rt. 225 between Berrysburg and Pillow the day of sale)

64 ACRE FARM

approximately 52 Acres under Cultivation, balance Wooded. NEVER FAILING MOUNTAIN SPRING WATER; 3000+ Feet Frontage on Paved Road; Beautiful Country View; 8-ROOM DWELLING with Bath & Coal Hot Air Heat; BANK BARN; other Outbuildings. Arrange your financing now and be prepared to bid and buy at this auction!
FOR INSPECTION CALL: (717) 362-8477 or 365-3387.
TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered at 11:00 A.M.
(3) FARMALL H TRACTORS; Farmall F-20 Tractor; N.H. 404 Hay Conditioner; J.D. pto Baler; (3) Flat Bed Wagons; Int. 7' Mower; (2) Manure Spreaders; 11-Hoe Ontario Grain Drill; 2-Row Corn Planter; Int. Single-row Pull-type Corn Picker; 20' Bale Elevator; 16' Grain Elevator; 7' Disk; 4-Section Harrow; Cultivator for H Tractor; 6' Rotary Cutter; Side Delivery Rake; 8' Land Roller; Spike Harrow; (2) Little Genius 2-Bottom Plows; Potato Plow; Double Buggy Tongue; Metal Mortar Box; Wood Burner Stove; Gas & Kerosene Heaters; many small items not listed; approximately 4 ACRES & 2½ ACRES FIELD CORN to be harvested by the purchaser.

Owners,
FLOYD E. STINE,
PETER I. STINE
and WOODROW W. STINE
Isaac J. Tressler, Attorney
Mike Deibert, Auctioneer AU-001599-L
George Deibert, Realtor & Auctioneer
DEIBERT AU-000209-L
(717) 425-3313

LABOR DAY AUCTION

VALUABLE FARM EQUIPMENT; TRUCK; MOTORCYCLE; HOUSEHOLD GOODS; ANTIQUES
MONDAY, SEPT. 3, 1984
At 10:00 A.M.
Along the Kistler Valley Road, one mile East of Kempton toward Lynnville, Berks Co., Pa.

FARM EQUIPMENT: Int. 966 diesel w/3 pt. wf, hydro, 1762 hrs.; Int. 656 utility gas w/fh, hydro; Int. 340 utility gas w/fh; Case 530 back hoe front end loader; Athens 10' trailer type chisel pl; Int. #642 four bot 16" roll over pl; JD 16' transport wing harrow; 10' single roll cultipacker; Int. #100 fh 7' mower; New Idea hay crimper; MF parallel rake; NH #271 baler w/thrower; 2 four wheel dump trailers w/bale sides; NG 24' bale elev.; 32' tube type elev.; NH #33 PTO hopper silage blower; JD 15 dbl. disc grain drill; JD #33 single beater PTO spreader; Woods C-80 rotary cutter; Kim fh post hole digger w/10" auger; fh rear blade; fh rear carrier box; 10' lime drill; barrel type trailer weed sprayer; 40' alum ext. ladder; acetylene outfit; Lincoln 225 AMP welder; 2" fert. pump w/motor; 500 lb. platform scale; set of work horse harness; 275 gal. skid fuel tank; 6 Stewart cattle clippers; Stihl chain saw; Stihl brush cutter; portable pull around milker compressor; plus many misc items.

TRUCK: 1977 Dodge D-150 pickup w/camper top; Honda 400 cc auto motorcycle; full top for Ford Bronco approx. 1970's.

ANTIQUES & HOUSEHOLD GOODS — 10 AM: Oak hall rack w/bench; high cupboard dry sink; 6' wood chest; music cabinet; old radio record player; wooden commode; child's crib; 2 butcher benches; 2 ci kettles; brass face scale; butchering tools; German bible; lg. blue agate coffee pot; treadle sew machine; split oak baskets; 5 milk cans; BR & LR furniture; 21" & 25" color TV's; console stereo; 22 cu. ft. chest freezer; plus many, many more household items.

NOTE: Furniture & Antiques to be sold at 10 AM, Farm Equip. approx. 12:30 PM.
TERMS - Cash or acceptable check
Refreshments Available
Ordered by
MIRIAM & KENNETH HENRY
Conducted by Ralph W. Zettlemoyer
Auction Co., Inc.
(215) 395-8084
Pa. License #AU-001809-L

PUBLIC AUCTION

SATURDAY, AUGUST 25, 1984
AT 9:00 A.M.
5505 Kenwood Avenue, Harrisburg, PA.

Take Rt. 22 East from Hbg., turn South on Beaver Rd near intersection of Old Jonestown Rd. behind Budget Flooring Barn. Go 5 blocks to Auction site. Follow signs day of Auction.

REAL ESTATE 1:00 P.M.

Ranch type house with 2 bedrooms 1½ baths, living room, kitchen, 1 car garage, several storage sheds. Gas heat, 200 amp service, new siding & roof. Fenced in 3 acre corner lot with fruit trees and more. Nice setting. TERMS: $5,000.00 deposit at time of auction by Cash, Cashiers or Certified Check payable to Kerry Pae Auctioneers. Balance due in 30 days at settlement.

ANTIQUES COLLECTIBLES

Oak Extension Table, 6 Plank Bottom Chairs, 4 Oak Chairs, Oak Childs Rocker, Mahogany Bookcase, 6 Plate Wood Cookstove (like new), 2 Victrolas, B & C Foot Piano Stools, Dovetailed Cedar Chest, Fancy Empire Dresser, Wooden Cider Press, 3 Butcher Kettles, Old Iron Hitching Post, two 3 Pc. Bedroom Suites, Wooden Hay Fork, Straw Cutter, Sausage Stuffer, Butcher Tools, 3 Cast Iron Farm Bells, Treadle Sewing Machine, Depression Glass, Pattern & Pressed Glass, Old Comic Books & Magazines, Quilts, Ironware, Baskets, Kerosene Lamps, Brass Carriage Lamps, Old Tools, Mixing Bowls, Cookie Cutters, Post Cards, Tin Toys, Apple Peeler, Cherry Seeder, Graniteware Coffee Pot, Steeple Clock, Wall Clock, Bells, Dough Boards, Stereoscope W/Lots Cards, Christmas Decorations, Linens, 78 Records, Ice Tongs, Crocks, Hundreds Other Items!!

TOOLS EQUIPMENT 9:00 A.M.

3 Hp Mighty Mac Sprayer, Sears Electric Cement Mixer, Agway Firewood Splitter, 275 Gal. Gas Tank, 6'x8' Utility Trailer, I H Rototiller & Blade for Lawn Tractor, 100 Board Ft. Dried Walnut, Old Ford Van, Concrete Forms, 10 Sections Scaffolding, Floor Sander, 2 Chain Saws, Wheelbarrow, 5 Sections Metal Shelving Lumber, Pipe Threader, Screw Jacks, Fence Wire, Hundreds Hand & Garden Tools, Nails, Screws, Bolts, Water Pump, Torch, Masonry Tools, Vise, Motors, Ceramic Tile, Siding, Copper Fittings, Angle Iron, Scrap Metal, Chains, Kerosun Heater, Hundreds Other Items!

HOUSEHOLD ITEMS

Curtis Mathes Port. Color TV, 2 GE Ref/Freezers, Amana Upright Freezer, Sears Washer, Westinghouse Upright Freezer, 2 Dehumidifiers, Lawn Furniture, Afghans, Pictures, Lamps, Pots, Pans, Metal & Wood Cabinets, Other Items.

GUNS & COINS 12:00 NOON

Winchester Model 12 - 12 Gauge, Winchester Model 94 30-30, Remington Model 31 - 20 Gauge, Remington 22 Rifle, 1921 Silver Dollar, Barber Halves: 1893, 1894, 1897, 1898, 1899, 1900, 1902, 1903, 1904, 1906, 1907, 1908, 1909, 1911, 1912, 1915. 2 Franklin Halves, Barber Qtrs: 1893, 1894-S, 1896, 1897, 1898, 1899, 1900-S, 1902, 1903, 1904, 1905, 1906, 1907-S, 1907-0, 1908-D, 1909, 1911, 1912, 1913-D, 1914, 1915, 1916. Twenty Pre-64 Quarters, Barber Dimes: 1900, 1901, 1903, 1905, 1906, 1907, 1911, 1912, 1913, 1914, 1915, 1916, V-Nickels: 1883, 1896, 1899, 1900, 1902, 1903, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, Buffalo Nickles, Wheat Pennies, Other Coins, etc.
SALE ORDER: 9:00 A.M. Tools, 10:00 A.M. Collectibles, 12:00 NOON Guns, Coins, 1:00 P.M. Real Estate. Will be selling two places at times, bring a friend! NO OUT OF STATE CHECKS. Owner retiring - everything goes!!

KERRY PAE AUCTIONEERS
327 N Front St
Harrisburg PA 17101
(717) 236-3752
LIC No AU1367
Owner,
DAVID BOYER

SHERIFF'S SALE

IN PURSUANCE of a Writ of Execution on Judgement No. 84-N-21 & 84-N-22 issuing out of the Court of Common Pleas of Adams County, and to me directed, will be exposed to Public Sale located, taking US Business Route 15 - 2 miles South of Gettysburg, PA - turn right onto Pumping Station Road and continue 5 miles, turn left onto Middle Creek Road, go 1 mile and turn right onto Rohrbaugh Road, continue to site on

MONDAY, AUGUST 20
10:00 A.M.
FARM MACHINERY-
DAIRY EQUIPMENT-DAIRY CATTLE

John Deere Model B tractor; International Model 370 12 foot transport disc harrow; New Idea Model 290 9 foot haybine; John Deere 5 foot-3 pt. scraper blade; New Idea 7 foot sickle mower; Smoker 24 foot elevator w/½ HP motor; Danuser 3 pt. post hole digger; Grove & Cobey wagons with kicker sides; old flat bed wagon; old Ferguson 2-row planter;

DAIRY EQUIPMENT: Will be sold as a package, and consists of, a Dari-Kool 1,000 gallon bulk tank, double 3 Bou Matic milking parlor equipment, Therma Stor heat recovery system, and 2 compressors. All equipment in very nice condition.

DAIRY CATTLE: A herd of 33 Holstein dairy cows will be sold all together as one herd. Herd consists of mainly 4 to 5 year old cows, 7 various size Holstein calves.

AUCTIONEER'S NOTE: Be prompt-No small items-A short sale.

TERMS: Cash or Approved Check

Seized and taken into execution as the property of Dennis L. Rohrbaugh & Janet L. Rohrbaugh.

BERNARD V. MILLER-
Sheriff of Adams County
C. David Redding-Auctioneer
Gettysburg, PA-PA No. AU-00742-L

PUBLIC SALE

REGISTERED MORGAN HORSES, EQUIPMENT, AND COLLECTIBLES
TUESDAY, AUG. 21, 1984

Lebanon Area Fairgrounds situated in North Cornwall Twp. Leb. Co. Pa. ½ mile east of Route 72, 2 mile south of Lebanon.

HORSES

40-HEAD REGISTERED MORGAN'S-40 SHOW QUALITY-BREEDING STOCK
HORSE DRAWN EQUIPMENT, AND TACK

Hunt Trap wagon with appointments, Jerald Jog cart, Roadster cart, race bike, pony cart, 2 horse conestoga wagon, dump wagon, Studebaker 1 horse farm wagon, sleigh, walking plows, potato plows, 1 row corn planter, ground scoop, straw cutter, 2 hole corn sheller, implement poles, double trees, single trees, collars, homes, jockey poles, fly nets, English, and Western saddles, kerosene auto., and buggy lamps. Weighted ground tires, bells, tack, trunks, plow handles, grain cradles, grain binder paddles, and arms, scythes, 2 portable dog kennels, pet trays, fishing rod, and reel, tackle box, Meyers hay carriage, clay bird trap, barn fan, beam scale, buck saws, 30" circular saw blade, scalding trough, chain hoist, and tow chains.

HOUSEHOLD FURNISHINGS & COLLECTIBLES

6 ft. Step ladder, 16 ft. ladder, Oak space heater, cherry rope bed, plank seat kitchen chairs, stands, metal secretary desk, and chairs, adding machine, dictaphone, typewriter, childs roll top desk, child's sled, crib, childs toys, express wagon, blackboard, 30"x80" marble top, room size braded rug, table, and floor lamps, cruets, bottles of all description, assorted tin ware, silver trays, oil paintings, and prints, picture frames, chemical drums, odd lots of framing lumber, and many other items.

Special Mention - M-D Lawn Genie with engine, New Holland ½ H.P. Gas Engine.

Sale to Commence at 9:30 A.M.

Order of Sale: Household Furnishings, Collectibles, Drawn Equipment.

Horse Sale-6:30 P.M.

Conditions By:
BROWN'S HOSS-PITALITY STABLES
Auctioneers:
Earl S. Buffenmeyer, AU000112-L
Odie Adcock

Refreshments On Grounds

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS, LOTS OF HAND & GARDEN TOOLS
SAT., AUGUST 25, 1984
at 9:00 A.M.

Loc. along Long Lane, RD#6 Lancaster, PA (take Danville Pike west of New Danville to Long Lane; turn right to sale; watch for signs).

Sale by
MRS. WILLIAM M. SHENK
(Elsie R. Shenk)
HOWARD SHAUB, 464-3541
and Roy C. Probst
Auctioneers (AU-000831-L)

AUCTION SALE

U.G.I. CORPORATION
SATURDAY, AUG. 25, '84
9:30 A.M.

At U.G.I.'s facility at 2121 City Line Rd., Bethlehem, PA.

Among the many items to be sold are: (2) '73-'72 Chev. Step Vans; (18) '74-'71 Chev., GMC, Ford, & Dodge Vans; '75 IHC 4x4 Scout; (27) '79-'73 Fairmont, Valiants, Novas, Malibus, Impala, BelAirs, Gravely Mower; Misc. Tires & Rims; (6) '78-'74 GMC, Chev., Ford, & Dodge Dump Tks.; (7) '76-'74 Chev. Utility Body Tks.

TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY WITH $100 CASH REQUIRED AFTER EACH ITEM IS SOLD.

Inspection: Aug. 23 & 24, 8 to 4 p.m.

Write or call for brochure:
VILSMEIER AUCTION CO., INC.,
Rt. 309, Montgomeryville, PA. 18936,
(215) 699-5833
PA. Auctioneer License
#AU-000958-L [84-048]

VILSMEIER AUCTION CO., INC.

PUBLIC AUCTION

OF FARM MACHINERY
at RUDNICK'S SALES PLACE
RT. 213, GALENA, MD.

MONDAY, AUGUST 20, 1984
at 11:00 A.M.

ALLIS CHALMERS 8550 4WD TRACTOR, AC 7045 TRACTOR, AC 16 Hp. tractor & mower. (all tractors w/low hours & exc. condition). AC 470 loader, AC 2600 fold-up disc, AC 21' field cultivators, Brillion 26' fold-up cultipacker, Lilliston 6 row cultivators, Arps 8' blade, MF 42 grain drill, 7' rotary mower, Dunham cultivator, Donahue 9x28' implement carrier, JD 400 bu. grain cart, flat & funnel wagons...**Consigned by William & Patricia Manlove.**

Fox S-P forage harvester 471 diesel w/3x30' corn head, 3 Gehl unloading wagons w/roofs (10 ton run-gears), Arts-Way mixer wagon w/scale (2 ton)... JOHN DEERE 3940 silage chopper w/pickup & corn heads, JOHN DEERE 7720 D COMBINE w/216 flex & 643 corn & grain heads,... '75 Int. 1610 Flat dump truck, '78 Gooseneck cattle trailer 22', NH #975 gas COMBINE 13' & 2 row heads, JD 5x16 plows, Int. 14' disc, Chatt. 14' crew-packer, IH #56 planter, Brillion 12' field cultivator, IH 786 D TRACTOR, IH 4R cultivators, IH #55 chisel plow, NH 469 Haybine, NH 258 rake, IH #60 stalk shredder, JD 7000 Planter, Fruehauf low-boy trailer, JD drill, sprayer tanks & boom JD Cultimulcher, NH hopper spreader, '82 Smithco 18 hp. riding mower w/62" deck mower & 48" broom sweeper. ALSO: '76 IH F1566 D TRACTOR Duals & cab, '78 JOHN DEERE 7700 D Turbo COMBINE Hydrostatic-14' flex & 6x30 corn & grain heads, AC 2600 fold-up disc, etc....**Plus other consignments are arriving.**

HARRY RUDNICK & SONS,
AUCTIONEERS & SALES MANAGERS
of Galena, Md. 21635
Phone (301) 648-5601

FRI AUGUST 24 10 AM Public Auction of Exc & Paving Equipment Located in West Falls, NY at Mecca-Kendall's yrd on Rt 240 Vilsmeier Auction Co , Inc , Auctioneers

FRIDAY AUGUST 24 7 PM Public Auction of a Dwelling Located in the town of Mechanic Grove, along Church Rd , just off Rt 222, 3 miles south of Quarryville Florence B Hannum, Owner J Everett Kreider, Auctioneer

FRIDAY, AUGUST 24 - 7 30 PM Public Auction of a Holstein Dairy Cattle Sale Located on Roy Schultz Farm 5 miles east of Hughesville, PA just off Rt 118 FmHA plus consignments, Owners Fraley Auction Co , Auctioneers

SAT AUGUST 25 - Public Auction for the Peoples Gas, Light & Coke Co Located in Chicago, Illinois Vilsmeier Auction Co , Inc , Auctioneers

SAT AUGUST 25 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles east of Middleburg, PA , 5 miles west of Selinsgrove, PA Don & Walt Keister, Owners Ray Long & Dave Imes, Auctioneers

SAT AUGUST 25 - 9 30 AM Public Auction of a 46 Acre Farm, 4 Acres & Frame House, Antiques, Household, Fruit Stand Equipment & Tractor Located in York Co , PA 2440 Mt Zion Rd , York Co (Rt 24 north of Avalong's Restaurant off Rt 30 at Mt Zion Exit) Irene M. Arvin Estate Charles W & Richard E Arvin, Executors Blaine N Rentzel, Charles Arvin & Nevin Rentzel, Auctioneers

SAT AUGUST 25 - 9 AM Public Auction of Mechanic Tools and Equipment Located at Butch's Repair Shop, next to the Arco Station & Car Wash along Rt 225, south of Red Cross between Dornsife and Herndon, 12 miles south of Sunbury D Allen "Butch" Zartman & Mary A Zartman, Owners Mike & George Deibert, Auctioneers

SAT AUG 25 9 AM Public Auction of Farm Equipment Located at Rt 6 Plaza next to K-Mart, and Old Rt 6 Airport, Honesdale, PA , 15 miles east of Carbondale Lester Holbert, Owner Merton L Bunnell Auction Service, Auctioneers.

SAT AUG 25 - 10 30 AM Public Auction of Gockley's Farm Machinery Sale. Located in Reinholds, R.D 1. Ed Goodrich, Jr , Auctioneer.

AUCTION

SATURDAY, AUG. 25, 1984
10:30 A.M.

Located at Gockleys Farm Machinery, Reinholds, RD 2, Lancaster, Co. PA.

Approximately 35 farm tractors. JD 4430 cab & air, 4020's, 3020s, 2130s, 2120s, 2020 w/loader, 2640, 3120, 630, 720 Diesel, Case 1370, 430, 1175. Ford 9N, 8N, 5000, 4000, 861. MF 20, 275 w/cab, IH 1086 w/cab & air, 1466, 664. Bobcat skid loader, 15 parts tractors. IH 615 combine, balers, plows, disc harrows, harvesters, rakes, haybines, grain drills, corn pickers, JD 216 Forage Box & others, Side & 6' Rotary cutters, GM carunit w/clutch & pulley. This is only a partial listing. Be on time, not many small items.

Terms by
JACOB H. GOCKLEY
RD 2 Reinholds
215-267-3281
267-5131

AUCTIONEER:
ED Goodrich, Jr.

Food on the Premises

PUBLIC AUCTION

53 A. FARM w. STONE HOME, HOUSEHOLD, ANTIQUES, GUNS, TOOLS, CAR, 12 H.P. RIDING MOWER, TRACTORS, BACK HOE & LOADER.
SATURDAY, AUGUST 25, 1984
10 A.M.

20 mi. N. of Allentown, 2 mi. W. of Lehighten, along Rt. 902, leading to New Mahoning, Carbon Co., Pa.

REAL EST: Attractive 53 A. level to rolling Farm w. extensive road frontage along both sides of Rt. 902. Situated there on a 2½ story Stone Farmhouse featuring enclosed porch, living rm., den, kitchen, 4 bedrms., 1½ baths, basement, coal h.w.h., full utilities. 2 car block garage, block storage bldg.

HOUSEHOLD: G.E. refrig. w. freezer top, Formica top table w. 4 chairs, glass dr. kitchen cabinet, Maytag wringer washer, sofa & safa bed, occ. chairs, b/w TV., Panosonic 25" console color TV, table radio, stands, lamps, White port. & Singer treadle sewing machines, Fruitwood dbl. beds & chairs, wardrobes, Oak chests of drawers & stands, 2 Maple spool beds & dresser, organ stool, wash stands, elec. sweeper & fan, scale, oil lamp, camel back & steamer trunks, bookcase & books, golf clubs, folding table, radios & parts, base cabinets, benches, dishes, cookware etc.

GUNS: Remington 222 Model 722-bull barrel-glass bedded - custom built-belt action w. Herter scope, Ithica 20 guage pump, Janssen Liege 12 guage dbl. barrel, 306 Mausser-belt action-Collin barrell-custom built-3-9x40 Herter scope, Sears 22 rifle w. clip, Winchester 243-bolt action-Collin bull barrel, Remington Matchmaster Model 513T-bolt action 22-6x15 Herter scope, Herculese 12 guage single barrel, Sheridan air pellet rifle 5 MM, cases of brass cardridges, powders, holsters, & other gun equip.

EQUIP: Oliver tractor Back Hoe & Loader (good cond), J.D. A Tractor w. self start, 5'3 pt. Rotary lift PTO mower, Sears garden Roto tiller, Sears Suburban 12 h.p. Riding mower w. 40" deck-4' sne blade-4' sne blower front end mt. for same (like new), 2 rotary power mowers, Craftsman fl. madel band saw, elec. & port. Arc Welder, ft. controll riveting machine, table model 4' bed 8" swing Craftsman Metal lathe, table saw, Micro bubble wheel balancer, wall drill press w. motor, elec. drills, Skillman saws, hand & elec. sanders, 30" circle saw blade, 3 pt. hitch, ¼-#/4 socket sets, torque-open & box wrenches, bit sharpener, pulleys, hand tools & boxes, ladders, motors, garden & carpenter tools, wheelbarrow, hammers, axes, tree pruners, pipe threader & cutter, 6 & 12 volt battery charger, punches, chisels, files, stocking, work tables rope, tires etc. 1968 2 dr. Chev. 307 engine-standard shift.

TERMS REAL EST.: 10% down, bal. in 45 da., other terms da. of sale.

INSPECTION: Sun. Aug. 12, 1 to 3:30 P.M. or call Aut.

AUCTS. NOTE: An exceptional property in fine cond.

REAL EST. BROKERS PARTICIPATION INVITED-call Auct. for full details.

NOTE: Sale starting w. 2 Aucts., one selling Tools & Equip., one selling Household & Guns. Come early.

Est. of
JOHN & THOMAS CERNY
Executors
Ann Holmberg-
Katie Stefek-
Mildred Dawe

Curt-Doug-Tim Houser
Aucts. AU000445-L
717-386-5631 or 2191
& 215-799-2396

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT AUGUST 25 - 9 30 AM Public Auction of Real Estate, Livestock and Farm Equipment Located 4 miles east of Blue Ball, 4 miles west of Honey Brook along Rt 322, Lanc Co , PA John K & Mary Ann Zook, Owners Diffenbach's Auctioneers

SAT AUGUST 25 9 AM Public Auction of Real Estate, Antiques, Collectibles, Tools, Equipment, Household Items, Guns & Coins Located at 5505 Kenwood Ave , Harrisburg, PA Take Rt 22 east from Hbg , turn south on Beaver Rd near intersection of Old Jonestown Rd behind Budget Flooring Barn Go 5 blocks to auction site David Boyer, Owner Kerry Pae, Auctioneers

SAT AUGUST 25 - 9 30 AM Public Auction of Real Estate, Personal Property, Household and Antiques Located in the village of Upper Lawn, S Londonderry Twp , Lebanon Co , PA From Lebanon or Elizabethtown, follow Rt 241 to Lawn, at Lawn Garage turn north on Railroad St Mrs Ruie Reed Spangler, Owner Ralph B Heisey & John Cooper, Auctioneers

SATURDAY AUGUST 25 - 9 30 AM Public Auction of a Sawmill and Lease, 3 Forklifts, JD 544 Loader, Trucks and Lots of Lumber Located at 1588 Jarrettsville Rd., 2 miles east of Jarrettsville, Harf Co., Jarrettsville, MD Johnson Sawmill, Owners. William H Amoss, Auctioneer

SATURDAY AUGUST 25 - 8.30 AM Public Auction of Valuable Real Estate, Antiques, Household Goods, Guns, Car, Back Hoe, Mason & Carpenter Tools Located from Rt 74 between Dallastown and Spry Turn onto Ironstone Hill Rd at Spanglers Market Proceed approx ½ mile to Green Valley Rd Turn right, 4th house on left Paul Hengst Estate Mrs Myrtle Harlacker & Mrs Gladys Ferree, Executors Melvin Haines & Ralph Brenneman, Auctioneers

SATURDAY AUGUST 25 - 9 AM Public Auction of Antiques, Household Goods, Lots of Hand & Garden Tools Located along Long Lane, R D 6, Lancaster, PA Take New Danville Pike west of New Danville to Long Lane, turn right to sale Mrs William M Shenk, Owner Howard Shaub and Roy C Probst, Auctioneers

SATURDAY AUGUST 25 - 10 AM Public Auction of Farm Equipment, Tools and Trucks Located from Womelsdorf, take Rt 419 north approx 5¼ miles to Summer Mt Rd Turn right to sale Ridge Crest Farms, Owners Elton Horning & Rodney Horning, Auctioneers

SATURDAY, AUGUST 25 - 10 AM Public Auction of Recreational Vehicles, Material, Appliances & Accessories Located on the premises of Chateau Recreational Vehicles, 48-52 Mill St , Christiana, PA Christiana, PA (about 15 miles east of Lancaster, PA) is approx 4 miles south of Rt 30 at Gap, PA Utilizing Rt 41 and Rt 372 Wm F Comly & Son, Inc , Auctioneers

SATURDAY, AUGUST 25 - 10 30 AM Public Auction of Name Brand Mobile Homes Located at the Dover Downs Raceway (parking lot), Rt 13, 1 mile north of Dover, Delaware Rudnick Assoc , Auctioneers

MON AUGUST 27 10 AM Public Auction of Farm Equipment, 67 Head of Dairy Cattle, Horses, Horse Drawn Machinery Located in Cumberland Co , PA , 3 miles west of Newville John & Sadie Esh, Owners Lamar & Melvin Sensenig, Auctioneers

TUES AUGUST 28 - 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa

TUES AUGUST 28 - Complete Dairy Herd Dispersal 7 PM Located in Cumberland Co on Park Drive Rd , between Mt Holly Springs and Boiling Springs, 1 mile southwest of Boiling Springs Ferman L Landis, Owner Kling's Auction Service, Auctioneer

TUESDAY, AUGUST 28 6 30 PM Public Auction of Seasoned Furniture, Quality Planking, Lumber, Horsedrawn Box Sled, Harness, Antiques & Furniture Parts Located on the premises of the Kurtz Family Warehouse on Baldwin Mill Rd (MD Rt 165, ¼ mile south of the intersection with MD Rt 23, Jarrettsville Rd) across from the Kurtz Funeral Home in the village of Jarrettsville, Harford Co , MD Mary H Kurtz Estate M Gladden & Charles E Kurtz, Pers Rep John H O'Neill & K C Travers, Auctioneers

WED AUGUST 29 - 9 30 AM Public Auction of Metalworking Equipment Located in Lake Wales, FL to be held at Coventry Lakes facility on Rt 27 Vilsmeier Auction Co , Inc , Auctioneers

WEDNESDAY AUGUST 29 - 7 30 PM Public Auction of the Berks County Holstein Club Sale Selling 45 Registered Holsteins Located at the facilities behind Fairgrounds Mall, Reading, PA 1 mile northeast of Reading between Rt 61 and Rt 222 (Old Reading Fairgrounds) Dean Hartman, Chairman Remsburg Sale Service, Auctioneers

WEDNESDAY AUGUST 29 - 10 AM Public Auction of Trucks, Farm Equipment & Machinery Located at 1709 Charles Center South Baltimore, MD Winter Place Farm entrance on Hobbs Rd near Rt 50 east, Salisbury, MD Howard A Rubenstein, Trustee in Bankruptcy Atlantic Auctions, Inc , Auctioneers

THURS AUGUST 30 - Public Sale of Dairy Cattle, Farm Equipment, Horses & Horse Drawn Machinery at 10 AM Located - Cumberland Co , PA , farm located along Rt 641, 3 miles west of Newville and 6 miles east of Newburg Sale By John & Sadie Esh Lamar & Melvin Sensenig, Auctioneers

THURS AUGUST 30 - 10 AM Public Auction of Farm Machinery, 3 Tractors, Dairy Equipment, 93 Holstein Dairy Cattle, Etc Located 10 miles northwest of Bloomsburg, PA , 1 mile north of Jerseytown off Rt 254 Col Co Daniel S & Lois Walk, Owners Fraley Auction Co., Auctioneers

PUBLIC SALE

OF FARM EQUIP., TOOLS & TRUCKS

SATURDAY, AUGUST 25, 1984

AT 10:00 A.M.

From Womelsdorf take Rt. 419 North Approx. 4¼ miles to Summer MT. Road turn right to sale.

FARM EQUIPMENT

JOHN DEERE #4430 Tractor w/3 Hydraulic outlets & Weights; JOHN DEERE # 116 Lawn Tractor w/Bagger; J.D. F-125 5 Bottom 16" plow; J.D. 2450 6 bottom 16" plow; J.D. 2 bottom 14" Trailer Plow; INT. 2 Bottom 14" Trailer plow; Heisey 10 ton hay wagon; J.D. 6 ton flat wagon: J.D. 1710 Mulch Tiller 11'; Bush Hog 10' Culti Mulcher; J.D. 950 Roller Harrow 12; J.D. R.G. #4 Rear mtd. 6 Row Cultivator; J.D. 8250 Grain Drill; Little Giant Elevator adj from 34' to 38'; 225 bu. Bushnell gravity bin w/side extensions; Badger #205 Manure Spreader; Tractor Mtd. 400 gal. Century Sprayer w/drop nozzles etc.; Century centrifugel Pump; 6' Woods Cadet #60 Rotary Mulcher Mower; Gandy applicator for preservatives; 7 St. Steel Shenandoah 6 hole Hog Feeders; Lincoln #125 Welder; K.E.W. 2200 psi Spray Washer w/wet sand attach.; J.D. #318 High Pressure Washer; 750 bu. cap. Moridge dryer w/electronic controls used 38 hrs.; Grain Chief 450 bu. cap Grain Dryer various size screens powered by P.T.O. or Electric; Gasboy 110 gal. cap w/elec. pump for pickup truck field delivery; 4 above ground tanks cap from 275 gal. to 500 gal.; Hale 3" Mud Pump w/50' hose; 7 J.D. Hydraulic 2 way Cylinders; also several other hyd. cylinders.

TRUCKS

35 ton Rodgers low bed equip. trailer; 28' Hill aluminum dump trailer; 26,000 G.V.W. Chevrolet dump truck w/325 bu. capacity. Boyertown dump body w/livestock & grain tailgate; Closed Van utility truck w/Diesel engine; Small tools hammers, wrenches, nuts, bolts, and many other items. Sale starts at 10:00 AM, Equipment 11:00 AM.

Terms by:

RIDGE CREST FARMS

Auctioneers: Elton Horning, AU-000434-L
Rodney Horning, AU-002167-L
215-286-0135

PUBLIC SALE

OF FARM REAL ESTATE, FARM EQUIP., HOUSEHOLD ARTICLES, ANTIQUES, MISC. ITEMS, ETC.

The undersigned, assco-executors of the estate of Roy E. Koser, deceased, will offer the following for public sale located approximately 1½ miles southeast of Shippensburg, Pa.; if leaving Shippensburg on South Queen Street Extended, hard road to right just before Route I-81 (Koser Road) to sale site. Watch for sale signs on:

SATURDAY, SEPTEMBER 1, 1984

Beginning at 10:00 A.M.

FARM REAL ESTATE

A tract of good tillable limestone farm land containing 87 acres, more or less, situated in Southampton Township, Cumberland County, Penna. Improved with a frame weatherboard bank barn, equip. shed, wagon shed, several other outbuildings, 2½ story brick masonry dwelling house w/8 rooms, full bath, oil fired baseboard heat, well of water, also city water, farm pond and approx. 1600 feet of frontage on blacktop road (Koser Road), Farm has approx. 82 acres of good rich tillable limestone farm land, balance in woods. Real estate will be offered at 2:00 P.M. on day of sale. Terms of real estate will be 10% down on day of sale with balance to be paid in full on final settlement within approximately 30 days. Further terms and conditions will be made known on day of sale. For further information and or inspection of real estate by appointment, call 532-4530 or 532-6453.

FARM EQUIPMENT, ETC

1961 M-M Model 4 Star tractor; grain drill; double disc; harrows; 2 flat wagons; 3 p.h. rear cultivators; hammer mill; seed cleaner; tractor mount wood saw; some butcher equip.; other equipment & hand tools of various kinds.

PICK UP TRUCK

1955 Chevrolet 3100 Series half ton pick up truck w/265, V-8 engine (not in running condition, restorable).

HOUSEHOLD ARTICLES

Kitchen appliances; furniture; glass & dishware; some antique furniture, some antique glass & dishware, etc.

Order of Sale: Beginning at 10:00 A.M. with small household & antique items, dish & glassware, etc.; approx. 12:00 Noon furniture; approx. 1:00 P.M. tools & items from wagon; 2:00 P.M. real estate, followed by tractor, truck, farm equip. and other large items.
Terms - Personal Property - Cash or Approved Check
Not Responsible for Accidents
Identification Required for Bidder's Number

by

BARBARA JEAN RHINE, AND LEROY KOSER,
co-executors of the estate
of Roy E. Koser, deceased

Attorney-H. Anthony Adams, Esq.
Auctioneers - D. Hershey, Pa. Lic. #AU-000406-L
A. McLaughlin, Pa. Lic. #AU-000668-L
C. Martin, Pa. Lic. #AU-001466-L
Clerk - Beidel

Sale Under Tent if Inclement Weather
Bring Your Chair
Lunch Stand Reserved

HOLBERT FARM EQUIPMENT ABSOLUTE AUCTION

Honesdale, Pa. Wayne Co.

Due to the loss of my lease, I will sell to the highest bidder. Located at Rt. 6 Plaza next to K-Mart, and old Rt. 6 Airport, Honesdale, Pa., 15 miles E. of Carbondale.

SATURDAY, AUGUST 25, 1984

9:00 A.M. Rain or Shine

The following all Massey-Ferguson Equipment: M.F. #120 Baler, 2 M.F. #22 Bale Throwers, M.F. 54 Blower, M.F. Tail Gate for Spreader, M.F. 200 Chopper w/1 Head, M.F. 72 Bucket, M.F. 68 Rotary Mower, M.F. 25 Disc Harrow, M.F. 25 & 43 Plows, M.F. Pressure Kits, 5-#720 Snowblowers, M.F. 730 Dozer Blade, M.F. 3650 Rototill for 1200 Tractor, 10 M.F. Front Wgts., M.F. 5430 & 630 Dozer Blades, M.F. 4810 Mower, M.F. 3 pt-h-kits, Fox Forage Chopper w/Rowhead, 2-#5030 Elec. Wagons, 2 Lely 3 pt-Tedder & Basket, 2 Lely Econo Fert-Spreaders, 1 Lely Pull Tedder, 3pt. h-Wood Saw & Blade, Set Arps Half Track, Landroller, brinley Cultivator, Haban Flail Mower, Wikomic 16 ft. Elevator, 70 bales of Twine, Roll Elevator Chain, 12 ft. 3 sec-Harrow, Century Spreader & Barrel, Sprayer Kit, 4 Myers Snowplows, 3 Heathousers, 8 new Knipco Space Heaters, 2 Ber-Vac #573-583 Snowblowers, 10 sets of Nu-Way Tr. Chains, 4 Jackson Trailer Carts, 30 Rowe Tr-Wgts., York Stone Rake, Flotation Tires, Tubes of all sizes.

The above listing is a small portion of New Merchandise
= Massey Ferguson #135 Gas Tractor w/hyd. Loader - Low Hrs. - A-1 =

M.F. 135 Gas Tractor - A-1, 3 M.F. 135 Side Mt. Mowers, M.F. 124 Baler w/22 Thrower, M.F. 12 Baler, M.F. 32 Loader & Bucket, M.F. 71 Side Mt. Mower, M.F. Trailer, 2 M.G. 39 - 2r-Corn Planters, 2 M.F. 6 Mowers, M.F. 74 - 4b Plows, Ford 8N Tractor, M.F. 65 Gas Tractor w/Hyd. Loader - A-1, 2 Massey Harris #30 Tractors, IHC Farmall H. Tractor, 2 M.F. #7 Tractor Lawn Mowers, 1 M.F. #85 Tractor Lawn Mower, 2 - 3 pt. H Hyd. Wood Splitters — Wood Splitter w/motor, Ford 3 pt. H. Rake, New King Kutter 5 ft. Brush Hog, Table Saw w/Wis. Motor, Woods 59" Rear finishing Mower, M.H. 512 Box Spreader, M.F. 160 Spreader, Nicholson PTO Tedder, Century Steam Cleaner - A-1, M & W Model P400B Dynamometer (Test to 100 H.P.), G.E. Electric Lawn Tr-Mower, Ford Hp. Riding Mower, Keen 8 & 14 H.P. Riding Mowers, Ski-Doo Snowmobile, M.F. & Bola Snowmobile, 3 M.F. 720-520 Snow Throwers, M.F. Roto-Tiller, M.F. 7 ft. Blade, Chain Hoist, 3 Wisconsin Motors, Portable Water Pump, Portable Generator, New H.-Wagon & Box, IHC 2r-Cornplanter, McKee 3 pt. H-Snow Blower, Scythe Hay Mower, 80'-9" Blower Pipe, M.F. 89 Silage Distributor, & M.F. Reduction Kits, Stabilizer Kits, Hyd. Hose Kits, and many other articles too numerous to mention on this all day sale.

1:00 P.M. Large 46x60 Hangar Building with Laminated Rafters and Sheet Metal...Will be sold to the highest bidder.

TERMS - Cash or Certified Check - ID Required for Bidders Numbers. Every item sells regardless of price. This is the finish after 34 years business.

AUCTIONEER'S NOTE: Due to everyday sales, a few of the above items may be sold prior to sale date.

Owner, **LESTER HOLBERT**
Honesdale, Pa.
Merton L. Bunnell Auction Service
Springville, Pa. PH. 717-965-2375
AU-000114L

J M Boswell's
Auction Marketing Associates
"The Auction Professionals"

MACHINE TOOL AUCTION

TUESDAY, AUG. 21, 1984
9:00 AM Insp.
11:00 AM Sale
Production Assets of the former SECO Blind Co

- FEATURING -

Asst'd stationary & portable drills grinders, sanders buffers, cut off saws Sheet metal working machinery, Atlas engine lathe, 20+ production assembly tables, shop organizers, asst'd hardware, paint booth, shelving, racks, cabinets, asst'd aluminum, steel plastic and wood production stock, hand tools, lounge & office equipment & supplies

TERMS: Cash or equivalent.

251 A Welsh Pool Rd.
Pickering Creek Ind. Park,
Lionville, PA
5-6 mi. N. of West Chester, Pa. 1½ mi. N. of Exton (Rte. 30) on Rte. 100 just S. of Pa. Turnpike, Dowingtown Exit (Rte. 100).

Auctioneers
Appraisers
PA Auct. Lic.
AU-085-L

(215) 692-2226

CLIP AND SAVE

PUBLIC AUCTION

SEASONED FURNITURE — QUALITY PLANKING/LUMBER, HORSEDRAWN BOX SLED, HARNESS, ANTIQUE FURNITURE PARTS, FINAL LIQUIDATION SALE

KURTZ ESTATE OF JARRETTSVILLE

The undersigned Personal Representatives of the Estate of Mary H. Kurtz will sell the following at Public Auction on the premises of the Kurtz Family Warehouse located on BALDWIN MILL RD. (Md. Rte. #165 - ¼ mi. south of the intersection with Md. Rte. #23 - Jarrettsville Rd.) across from the KURTZ FUNERAL HOME in the VILLAGE of JARRETTSVILLE, Harford County, Md. on

TUESDAY, AUGUST 28, 1984

at 6:30 P.M. (EDST)

Large assortment of seasoned planks and boards of a wide variety of woods used in the cabinet-making profession by several generations of master tradesmen in the Kurtz Family. Also old electric driven woodworking shop equipment and other interesting old items. Lumber to be sold in Lots with a few individual items as well.

TERMS: CASH or Approved CHECK.

INSPECTION: at OPEN HOUSE on SUNDAY August 26 from 2:00 p.m. to 4:00 p.m. or from 4:30 p.m. on the day of sale.

By the authority of:
The Estate of **MARY H. KURTZ**
M. GLADDEN KURTZ, Pers. Rep.
Charles E. Kurtz, pers. Rep.

AUCTIONEERS:
JOHN H. O'NEILL, Forest Hill, Md.
K.C. TRAVERS, Churchville, Md.
Aimee C. O'Neill, Sale Mgr.
301-838-6980

AUCTIONEER's NOTE: This sale completes the liquidation of this most interesting and unusual family collection, it is the eleventh in the series which commenced in May, 1984.

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES

AUCTION SALE

SALVAGE STOCK FOR ACCOUNT OF UNDERWRITERS

RECREATIONAL VEHICLES

MATERIAL, APPLIANCES & ACCESSORIES

SAT., AUG. 25, 1984

ON PREMISES

CHATEAU RECREATIONAL VEHICLES

48-52 MILL ST., CHRISTIANA, PA.

CHRISTIANA, PA., (ABOUT 15 MI EAST OF LANCASTER, PA) IS APPROX 4 MILES SOUTH OF ROUTE 30 AT GAP, PA UTILIZING ROUTE 41 AND ROUTE 372

Also Included In Sale, All Various Material, Appliances, parts and Accessories That Are Utilized In Manufacturing Of Recreational Vehicles, Comprising In Part

25 RECREATIONAL VEHICLES

Consisting of 14 Different 1984 Chateau, Chateau Lite, LaStrada and Mark V Models Ranging In Size From 15 Ft to 36 Ft In Length With A Variety Of Floor Plans, Standard And Luxury Features Including One Tip-Out Model

THE ABOVE RECREATIONAL VEHICLE TRAVEL TRAILERS ARE IN VARIOUS STAGES OF COMPLETION, RANGING FROM 68% to 100% COMPLETE WITH MAJORITY OVER 90% COMPLETE

APPLIANCES, PLBG., ELEC. & BUILDING SUPPLIES

Ranges, Refrigerators, Heating Units, H W Heaters, Plumbing Fittings, Toilets, F W. Tanks, Thermostats, Elec Wire & Switches, Light Fixtures, Tail Lights, Insulation, Ext. Doors, Paneling, Molding, Floor Covering, Fabric Etc.

TRAILER FRAMES, AXLES, T/L FURNITURE, ETC

IMMEDIATE DELIVERY UPON COMPLETION OF SALE

NO CONFIRMATION NECESSARY

INSPECTION DAY OF SALE FROM 8 30 A M
TERMS CASH OR CERTIFIED CHECK — 25% DEPOSIT REQ

PA AUCTIONEERS LICENSE AU000175L

1834 150th ANNIVERSARY 1984

COMLY

Wm. F. Comly & Son, Inc.

Auctioneers

1825 E BOSTON ST PHILA PA 19 ... 215/634 2500

PUBLIC CONSIGNMENT SALE

Sechrist Sales Co. Annual Fall Consignment Sale

TRUCKS, TRACTORS, FARM MACHINERY, LAWN & GARDEN EQUIPMENT, TOOLS & HARDWARE

SATURDAY, SEPTEMBER 19, 1984

At 9:00 A.M.

Located on the livestock auction market grounds approx. 5 miles south of Stewartstown, near New Park, York Co., PA.

Anyone having items for advertisement please call Mondays at 993-6130 or 382-4379 evenings. Don't overlook this good market for used machinery. Turn that unused equipment into cash. Our spring sale was the largest ever with buyers & dealers from many states. Bert Rose will be here w/a lg. load of new tools. Advertisement deadline: Sept. 10.

Bob Sechrist, Mgr.

PUBLIC AUCTION

AT DOVER DOWNS RACEWAY
(Parking Lot)
Rt. 13, 1 Mile North of Dover Delaware

50 OR MORE LATE MODEL MOBILE HOMES

SATURDAY, AUG. 25, 1984

10:30 A.M.

Name brand mobile homes to include Redman, Skyline, Windsor, Tidwell, Rembrant, Schult and Holly Park.

Several expando models, some with shingle roofs, 10', 12' and 14' wide homes. 2 and 3 bedroom floor plans. Many late models from 1980-1983. Many of these homes are bank and finance company repo's, suitable for rental, resale, storage or family living. Most homes have appliances. Some are furnished. Conditions range from excellent to poor.

Terms: Cash or certified funds. A 20% deposit day of sale (non-refundable). Balance due on or before August 28. All sales are final. Everything sells as is. Transporters available.

Inspection from Wednesday, August 22nd thru morning of sale.

Homes will be open from 10 AM-7:30 PM

Rudnick Assoc. - Auctioneers
Box 9494, Wilmington, Del. 19809
(302) 764-3347

LIKE NEW J.D. 4840 TRACTOR & MACHINERY AUCTION

SAT., AUGUST 25, 1984

at 10:00 A.M. Sharp!

For Hans Loewensteiner & Sons, North Rd., Chester, N.J. 1 mi. east of Rt. #206 Chester Light. Take Rt. #24 east to North Rd. to farm. Arrows Posted!

Being engaged in the Cattle Dealing business they have traded the following equipment for cattle and offer it at Public Auction! **10:00 A.M. Sharp!** John Deere 4840 DL tractor with 462 hrs, full cab and loaded and in showroom like new condition! This 180 hp tractor will be a tremendous buy for anyone. Taylor way 14 ft. H.D. subsoiler A-1, New Idea 323 1 corn picker A-1, Gehl #120 grinder mixer A-1. A Super clean tractor and very clean machinery will be sold here.

Terms: Cash or Good Check paid in full Sale Day w/proper I.D. Out of State Buyers Cash or Certified Funds or Valid Bank Letter of Credit w/amount you can spend, addressed to:

Owners
Hans Loewensteiner & Sons
201-879-5851

Sale Conducted By:
Col. Fred R. Daniel Auctioneers INC.
Neshanic Sta., N.J. 201-369-4784

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

THURS AUGUST 30 - 10 AM Public Auction of 45 Acres of Standing Corn and an Outstanding Line of Farm Machinery Located in Pequea Twp, 6 miles south of Lancaster, PA Take New Danville Pike, turn east on Penn Grant Road to Church Rd (next to Pequea Brethren in Christ Church) Mr & Mrs Paul R Bowman, Owners The J Omar Landis Auction Service w/Jay M Witman, Auctioneers

FRI AUGUST 31 - 9 30 AM Public Auction of Farm Machinery Located in Lumberton, NC, 4 miles south of I-95 on NC211 New Holland Credit Corp, Owner Meekins Auction Co, Auctioneers

SEPTEMBER

SAT SEPTEMBER 1 - 12 30 PM Public Auction of PA's 6th Performance Tested Ram Lamb and Invitational Ewe Sale Located at the Pennsylvania Dept of Agriculture's Meat Animal Evaluation Center, 651 Fox Hollow Rd, State College, PA 16801 Sponsored by the PA Dept of Ag in Cooperation with the PA State University and the PA Sheep and Wool Growers Assn

SAT SEPTEMBER 1 - 10 AM Public Auction of Farm Real Estate, Farm Equipment, Household Articles, Antiques, Misc Items, Etc. Located approx 1½ miles southeast of Shippensburg, PA, if leaving Shippensburg on South Queen St Extended, hard road to right just before Rt I-81 (Koser Rd) to sale site Roy E Koser Estate Barbara Jean Rhine and Leroy Koser, Co-Executors D Hershey, A McLaughlin, & C Martin, Auctioneers

SATURDAY SEPTEMBER 1 - 10 AM Public Auction of 40 Acre Dairy and Poultry Farm, Holstein Herd, Farm Machinery, Milking Equipment, Mules and Hay Located in Lancaster Co, PA, 2 miles south of Strasburg Rt 896 south, 2nd crossroad right at Paradise Lane and Ivy Rd John D & Rebecca Glick, Owners Steve Petersheim, Auctioneer

SATURDAY SEPTEMBER 1 - 1 PM Public Auction of 45 Head of Holsteins, Milking Equipment, 4 Head Sorrell Mules, Harness Hitches & Farm Machinery Located in Lancaster Co, PA, 2 miles south of Strasburg Rt 896 south, 2nd crossroad right at Paradise Lane and Ivy Rd David D & Katie Glick, Owners Steve Petersheim, Auctioneer

SATURDAY SEPTEMBER 1 9 AM Public Auction of Garage Equipment, Tools, Hundreds of Antiques and Current Car Parts, Etc Located on the square in New Freedom, York Co, PA 10 minutes west of exit 1) Shrewsburg) I-83 Dispersal for Summit Service Center Chrysler Plymouth and Dodge Dealership Norris Richards, Owner Bob & Tom Sechrist, Auctioneers

SATURDAY SEPTEMBER 1 9 AM Public Auction of Antiques, Household Goods, Riding Mower, Rototiller & Coins Located along Long Lane, R D 6 Lancaster, PA Take New Danville Pike west of New Danville to Long Lane, turn right to sale Mrs William M Shenk, Owner Howard Shaub & Roy C Probst, Auctioneers

ABSOLUTE PUBLIC AUCTION

J & P AUCTIONS

MACHINERY, SEEDS, HARDWARE, TOOLS

FRIDAY, SEPTEMBER 7, 1984

Auction Time: 9:00 A.M. Sharp

LOCATED between Schaefferstown and Lebanon, 1 block off Route 897 near Iona. 306 Iona Road, Lebanon County, Pa.

EQUIPMENT

Baker Forklift; 1969 International Single Axle Tractor; 40 ft. Trailmobile Flatbed Trailer; 40 ft. Van Trailer; 16 ft. Aluminum Van Body; 2 Willmar Tylers; 3-M #217 Copier; Speed-o-Print Duplicator; Wizard Portable Typewriter; Brother Typewriter; like new Chest Freezer; approx. 500 Skids; New Paper, Burlap and Plastic Bags; Plastic Silo and Silage Covers; 9,000 ft. Plastic Twine.

SEEDS

SEED CORN includes Northrup King, Pioneer; Schlessman; approx. 1,000 Bushels SEED OATS including Nable; Ogle, Lang; approx. 2,500 Bushels WHEAT SEED including Ruler, Logan, Roland, Hart, Titan, Pennel, Arthur; ALFALFA SEED includes Saramac AR; Boyd's Wetfoot, Boyd's 78 AT, Ranger, Vernal, Vanguard; TIMOTHY SEED; CLOVER SEED includes Alsike, Medium Red; Ladino, Yellow Sweet; Buckwheat; Spring Barley; PENNLATE ORHCARD GRASS; CROWN VETCH; Reeds Canary; LAWN GRASSES include Blue Grass, Fescue, Kentucky 91 Tall Fescue; Garden Seeds include Beans, Beets, Sweet Corn, Carrots, Peas, etc.;

NOTE: ALL SEEDS SELLING HAVE CURRENT GERMINATION TESTS FOR 1984.

CHEMICALS

Princep; X77 Spreader; Tillam; Supercide; Eptam Grandular; Vegadex; Zolone; Sevin Liquid; Soil Conditioner; Surf AC 820; Sencor; Lorsban; Wex; Treflan; Marlate; Diker; Karathane; Malathion; Devrinol; Guthion; Manzate; Tok WP 50; Balan; Isotex; Agrox; Ectiban; Lorox; Captan; Diazinon; Eptam; Etc.

NEW FARM AND HARDWARE SUPPLIES

FORKS; SHOVELS; BROOMS; HATCHETS; HAMMERS; Tape Measures; Wrench Sets; Saws; Hitch Pins; Grease Guns; Comealongs; Corn Planter Plates; WHEELBARROW; REDDY HEATER; Electric Fence Supplies; Chain and Accessories; Lawn and Garden Rakes; Hoes; Trowels; Potato Forks; Edgers; Shears; Rat Bait; Electric Supplies; Bolts; Nuts; Screws; Washers; Nails; DAIRY SUPPLIES include Udder Wash, Buckets, etc.; Derusto Paint and Supplies; Hudson Sprayers; Cyclone Spreaders; Beetle Traps; Poles; Bait; Dusters; Whirleybirds; Weed-n-Feed; Peat Moss; Garden Dust and Spray; Conklin Products; Bird Food; Pet Supplies; Auto Supplies; TINGLEY BOOTS AND RUBBERS, all sizes; Gloves; Door Hinges; Latches; Springs, etc.; Household Supplies include Baking, Canning, Freezing and Picnicking needs; plus many more items too numerous to mention.

Note: ABSOLUTE AUCTION means EVERYTHING sells to the HIGHEST BIDDER regardless of price. We will be selling all day and possibly into the evening. A BARGAIN IS ONLY GOOD TO YOU IF YOU ARE THERE TO BUY IT. Machinery selling at approx. 1:00 P.M. Followed by seeds.

All out of state checks must be accompanied by current bank letter of credit specifically for this auction.

Auction By
HAMILTON BANK
Pursuant to Security Agreement with
Boyd Seed Center, Inc.

Auction Conducted By
Paul E. Martin, Auct. AU-001601-L
Ephrata, Pa. 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Lititz, Pa. 717-665-5099

Full Lunch Available including Barbecued Chicken

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SATURDAY SEPTEMBER 1 Public Auction of a 40 Acre Dairy and Poultry Farm Selling a Holstein Herd, Farm Machinery Located 2 miles south of Strasburg John D & David Glick, Owners Steve Peter sheim, Auctioneer

SATURDAY SEPTEMBER 1 9 AM Public Auction of Antiques and Collectibles, 1973 Toyota, 4-Wheel Drive, Ariens GT 17 Tractor with grass mower, International Refrigerator Truck, Household and Misc Items Located 11 miles east of Halifax, PA, 8 miles east of Rt 147, 3 miles west of Carsonville, 1 mile south of the Carsonville-Halifax Rd Melinda Miller & Larry L Miller, Owners Dockey, Dockey & Deppen, Auctioneers

SUNDAY SEPTEMBER 2 1 PM Hotline Connection sale of 75 lots of the finest Polled Hereford seedstock in the nation today Located at Falklands Farm, RD 1, Schellsburg, PA Mr and Mrs Leon Falk Jr, Owners Paul Slayton, General Manager

MONDAY, SEPTEMBER 3 Public Auction of Farm Machinery Located between Limeport and Coopersburg on Chestnut Hill Rd south off Beverly Hill Rd at intersection of Grant Rd and Standard Lane 5 miles north of Quakertown and 10 miles south of Allentown H Kinsey, Owner James W Mohr, Auctioneer

MONDAY, SEPTEMBER 3 10 AM Public Auction of Valuable Farm Equipment, Truck, Motorcycle, Household Goods & Antiques Located along the Kistler Valley Rd, 1 mile east of Kempton toward Lynnville, Berks Co, PA Miriam & Kenneth Henry, Owners Ralph W Zettlemoyer, Auction Co, Inc, Auctioneers

MONDAY, SEPTEMBER 3 10 AM Public Auction of Farm Machinery, Trucks, Tools and Farm Related Items Located at Auction Barn and American corner, MD On Highway 621 between Denton & Federalsburg A Curtis Andrew Auction, Inc Curtis Andrew & Mike Roe, Auctioneers

MON SEPTEMBER 3 Public Auction of 149 acre dairy farm and farm equipment Located along Rt 419, 5 miles North of Schaefferstown, Millcreek Twp, Lebanon County, PA Sale by John J and Eva Oberholtzer Paul E Martin and John D Stauffer, Auctioneers

MON SEPTEMBER 3 9 30 AM Public Auction of 4 Tractors, Farm Machinery, Hay & Farm Items Located from Gettysburg, PA, take Legislative Rt 889 (toward Arendtsville) 4 5 miles northwest to Mummasburg, PA Turn left onto Hilltown Rd, go to first farm Lawrence C Redding Estate Thomas Redding, Gary Redding & Larry Redding, Co Executors C David Redding, Auctioneer

MONDAY SEPTEMBER 3 11 AM Public Auction of Real Estate, Farm Implements & Garage Equipment Located 6 miles north of Hegins, PA, 10 miles south of Shamokin, along Rt 125, in the village of Franklin Square Grace & Clarence Keim, Owners Dockey, Dockey & Deppen, Auctioneers

MONDAY SEPTEMBER 3 - 9 AM Public Auction of a Private Collection of Valuable Antiques, Collectors Items, Old Toys, Clocks, Furniture, Dishes and Glassware Located on Valley Park Rd, Doylestown, R D 5, midway between Danboro and Gardenville, PA 5 miles north of Doylestown, PA Mr & Mrs John Chittick, Owners Henry K Freed, & Sons, Auctioneers

GAP AUCTION

FRIDAY EVE., AUG. 24
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
AU000907-L
CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC SALE

SATURDAY, AUGUST 25, 1984
9:30 A.M.
REAL ESTATE-LIVESTOCK-FARM EQUIPMENT
Located four miles east of Blue Ball, four miles west of Honey Brook, along Route 322. Canarvon Twp., Lancaster County, Pa.

REAL ESTATE

57 Acre farm, more or less. Eight room stone house, with 1½ baths.
Dairy barn with 39 tie stalls, box stalls, milk house.
Bank barn with corn barn. Horse stable.
Pole barn for heifers, tobacco shed.
16'x60' and 12'x40' concrete stave silos.
Approx. 45 acres in high state of cultivation. Balance permanent pasture and woodland. Stream thru pasture.

LIVESTOCK

Thirty three herd Holstein dairy cows. Many due to freshen Aug., Sept., and Oct. Herd Ave. DHIA of 17,000 + milk 600+ fat.

Twenty-herd Holstein heifers from 4 mos. to 1½ years old. Four bred. Several Reg. Pawnee Farm Arlinda Chief, Marvix, Gay Idea, Rockett, Willis Star, Mariner daughters.

A good young herd, most all sired by and bred to Unit bulls.

Six head of sorrel work horses. One buckskin horse, all well broke and good workers. One Reg. Suffolk stud. Two yearlings and one 3 month old colt.

FARM EQUIPMENT

Farmall M tractor on steel; New Holland 269 baler; NH 455 mower with hyd. New Idea crusher; A.C. B125 power unit;

Stoltzfus liquid manure spreader; New Idea 206 manure spreader; Stoltzfus automatic reset 2-bottom 12" plow; McD 2-way sulky plow;

Gehl blower; New Holland blower; McD corn binder with 8 h.p. Briggs engine New Holland 30' elevator; Hyd. unit with 16 h.p. Briggs engine;

Off set disc harrow; John Deere 3-section spring harrow; Buch cultipacker; John Deere 4-row 494A corn planter; 200 gallon sprayer with engine and 10 row boom; John Deere hay fluffer; Poulan wheel rake;

Three steel wheel wagons; one Grove and Zimmerman; High sides and false end gates for wagon;

Two Fox harvestors; for parts; two fore-trucks, one with springs and brakes; MCD riding cultivator; Ontario 11 disc grain drill;

275 gallon gas tank; mineral feeder; portable bunk hay rack; saw and saw buck; Stihl chain saw; locust posts, used lumber; ply wood;

Eight sets of front gears; collars; bridles; 1, 2, 3, 4, and 6 horse hitches; gas lanterns; hand tools etc.

CROPS

30 acres, more or less standing corn. Hay by the ton.

DAIRYING EQUIPMENT

Girton 400 gallon bulk tank; Petter 15 h.p. diesel; 3 h.p. compressor; Delaval model 67 milker pump. Three surge milking units. Bender dumping station; two stainless strainers; stainless twin tubs; two 20 qt. carrying pails with lids; McD milker pail; 30 gallon water heater; two stall calf kennel; calf hutch; feed cart; ensilage cart.

Some household goods - Ashley wood stove; chairs; electric refrigerator etc.

Sale 9:30 A.M.
Real Estate 10:30 A.M.
Possession Oct. 1, 1984

Owners,
JOHN K. & MARY ANN ZOOK

Thomas Wentz, Atty.
Diffenbach's Auct.
AU225L

Lunch Available

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS; RIDING MOWER & ROTOTILLER, COINS
SAT., SEPTEMBER 1, 1984
at 9:00 A.M.

Loc. along Long Lane, RD#6 Lancaster, PA (take New Danville Pike west of New Danville to Long Lane; turn right to sale; watch for signs).

Sale by
MRS. WILLIAM M. SHENK
(Elsie R. Shenk)
HOWARD SHAUB, 464-3541
and Roy C. Probst
Auctioneers (AU-000831-L)

PUBLIC SALE

OF 60 ACRE DAIRY FARM, MILKING EQUIPMENT & HARVESTORE SILOS
TUESDAY, SEPT. 11, 1984
At 11:00 A.M.

Located in Bern Township, Berks Co. From light in Leesport at Rt. 61 take Main St. West to Grange Rd., then 1½ miles to property.

Property will be offered in 3 parcels and as an entirety.

PARCEL #1: 2½ story double brick farmhouse in good condition. 1st side has kitchen, living room, 3 bedrooms and bath. 2nd side has kitchen, dining room, living room, 3 bedrooms, 2 baths. Oil hot water heat; full basement. Stone springhouse; 2 car frame and aluminum siding garage. **DAIRY BARN** recently built with 48 Show-eze comfort stalls, rubber mats and fans. Patz barn cleaner, and gutter grates. **BLOCK MILKHOUSE.** 2 story **SHOP & EQUIPMENT SHED.** 36' x 38' **POLE BARN;** 25' x 36' **POLE BARN.** Cement feed lot. 2 Frame Equipment Sheds; Heifer Barn; Tasco Inc. Calf Haven; 20' x 60' Harvestore; 20' x 30' Harvestore; 14' x 55' stave silo with Starline unloader (in good condition); 12' x 40' stave silo. **26 ACRES OF LAND** with 10 acres tillable and 16 acres pasture with nice stream. Terrain level. Buildings very well kept and in good condition.

PARCEL #2: 30 Acres located on north side of Grange Rd. 25 Acres tillable, 5 acres woodland and pasture. Terrain rolling.

PARCEL #3: 4 Acres of open land on the south side of Grange Rd. Terrain level.

TERMS FOR REAL ESTATE: 10% down day of sale; settlement on or before Jan. 30, 1985.

INSPECTION by appointment. Call HORNING FARM AGENCY, INC. at 286-5183.

EQUIPMENT

20' x 60' Harvestore; 20' x 35' Harvestore with sweep arm auger; 64' Harvestore trough and feeder; 2 Weaverline electric feed carts, 1 - #223; Battery charger; 1 metal feed cart; 5 ton Metal feed bin; Chop and bed with 8 HP motor; 1200 Gal. Zero milk tank; Surge pipeline and washer; 5 Bow-a-matic milker units; 100+ surge milker pump; Agway breeding tabulator. All equipment in good condition. 36' x 54' enclosed steel pole type barn to be dismantled and moved.

NOTICE: 2 Harvestores and equipment to be sold after the real estate. 15% deposit on equipment not settled for day of sale.

TERMS BY:
MATTHEW L. and MARY K. DEGLER
Attorney:
CHARLES FITZPATRICK
HORNING FARM AGENCY, INC. Auctioneers
#AU-000433-L
Main Street, Morgantown, Pa. 19543
REASON FOR SELLING:
OWNERS RETIRING

FALL MACHINERY SALE

FRIDAY, SEPT. 7, 1984
at 9:00 A.M.
At the Belleville Livestock Mkt., Belleville, Pa.

Selling all kinds of machinery, forage and haying equipment, spreaders, plows, harrows, disks, ect.

Tractors and hay will be sold at 1:00 P.M.

All consignments (except hay) must be in by 5:00 P.M. day before sale.

Dairy cow show and sale will be Wed., Oct. 3 and Fall Heifer Sale on Fri., Nov. 2.

BELLEVILLE LIVESTOCK MKT., INC.
717-935-2146

PUBLIC SALE

FOR MILLERSVILLE UNIVERSITY
OFFICE FURNITURE & FIXTURES
AIR CONDITIONING EQUIPMENT
BOILER HOUSE EQUIPMENT
MISC. ITEMS
WEDNESDAY, AUG. 22, 1984
9:00 A.M.
Located At Millersville University
Millersville, Pa.

BOILER HOUSE EQUIP.
Deaerator heater receiver and return pump, Faber gas/oil-fired conversion burner, Johnson conversion oil burner, De-Lime series 10–18 point annuciator panel, 4–300 gallon storage tanks, Shepard Niles 1-ton beam hoist with 50' track, Recording and intergrating flowmeter.

AIR CONDITION EQUIP.
Motor generator set with ideal squirrel cage–250 HP inductor motor–Louis Allis synchronous generator, Edpac 7½ ton air conditioning units, High speed Tonrac refrigeration compressor.

OFFICE FURNITURE & FIXTURES
3–IBM data card keypunch, IBM data card reproducing punch, IBM data card interpreter, Mosler safe 6' x 2' x 3W, 15 typewriters, IBM & Remington electric, 3 typewriters manuel, Copiers AB Dick & Xerox 660, IBM II copier, 13 wooden desks, 3 metal desks, Credenza, Metal typewriting table, 86 study carrels, 4 steno. swivel chairs, 2 swivel armchairs, 40 childrens classroom chairs, 50 adult classroom chairs, 18 childrens classroom desks, 15 wooden bookcases, 23 straight chairs wooden & metal/plastic, 11 various size tables, 2 drawer file, Account posting tray/file, 12 2 drawer metal card files, 7 stools, 15 tablet armchair wood & metal/plastic, 21 Classroom chairs green plastic metal frames, 12 pallet racks, A/V cart w/rear projection screen, 40 A/V projectors and recorders, 10-6 place coat racks, 2-24 place coat racks, 2–refrigerators, 5 Television sets, Commercial washer– dry cleaning, 2 industrial sewing machines, Foot treadle sewing machine, Roaster oven, 68 lounge chairs, 10 2 seat sofas, 9–3 seat sofas, 10 wood wardrobes new, 20 wood dressers new, 25 bunk beds new, 4 floor lamps, 9 table lamps, 3 wooden bedsteads, 6 end tables/lamp tables, Lot stainless steel kitchen equipment, Drafting desk, Lot light fixtures, Efficiency kitchen unit w/refrig., sink & stove, Wood kitchen cabinets, lot carpet, 5 venetian blinds, lot–studio lights & controls, Gang mower, Lot siding, 15 electric motors, Power Platen press Chandler-Price, 9"x14", Electric stove, and misc. items not mentioned.

CONDITIONS OF SALE AND GENERAL INFORMATION
Surplus equipment is in good to fair condition. Millersville University will sell most everything as an absolute sale. Quantities are not guaranteed and may vary by sale date. Sale will start at 9:00 A.M. at Singing Needles building. Moving to Warfel barn when all items are sold at Singing Needles. Large amount of surplus equipment in both buildings. Signs on campus with directions to sale. Parking available on campus. No out of state checks, Personal checks will be acceptable only if credit has been established with Millersville University. Food available.

Terms by
MILLERSVILLE UNIVERSITY
Auctioneers:
James W. Frey, Jr. (AU--000301-L)
Richard B. Eckman
John R. Gockley

PUBLIC AUCTION

SATURDAY, AUGUST 25, 1984

at 9:00 A.M.

BUTCH'S REPAIR SHOP next to the Arco Station & Car Wash along Rt. 225 South of Red Cross between Dornsife & Herndon; 12 miles South of Sunbury.

MECHANIC TOOLS & EQUIPMENT

200 amp Airco Portable AC-DC Welder Mounted on Trailer; (3) Airco Acetylene Torch Sets; Welding Cables; Welding & Brazing Rods; Welding Helmets & Shields; many other Welding Supplies; Forney 250 amp Welder; SNAP-ON AUTOMOTIVE DIAGNOSTIC TUNE-UP MACHINE; Allen 125 Battery Charger; Parts Washer; FULL LINE MECHANIC TOOLS many SNAP-ON TOOL BRAND including Lg. Tool Cabinet on Casters; Lot Socket Sets; ¼", ½", ¾" & 1" Air Wrenches; Air Wrench Sockets; 48" Pipe Wrench; 24" Adjustable Wrench; Lg. Lot C-Clamps; Pipe Threading Outfit; Blow Torches; Electric Drills; Wall-type Drill Press; Bench Grinders; Grease Guns; Trailer Cords; Casters; Torque Wrenches; 2-Ton Chain Hoist; Black Hawk Floor Jacks; Homemade Motor Lift; Jack Stands; Creeper; Load Binders; Come-a-Longs; Chains, Hooks & Swivels; Work Benches; Portable Tool Cart; Lot Tool Chests; Metal Cabinets; Metal File Drawers; Shop Manuals; assortment Nuts, Bolts & Screws; Cleaning Solvent; Grease & Oil; Lot NEW SMALL ENGINE PARTS; Lot Auto Parts, GASKETS, CARBURETOR PARTS, etc. Numerous Electric Motors; Lg. Lot Gas Engines for Parts; Kwickway Valve Grinder; Sand Blaster; Chain Saw Grinder; New & Used Steel; Steel Cable; Fencing; Copper Cable & Tubing; V-Belts; Lot Scrap Metal.

JOHN DEERE A TRACTOR with Cultivator; HUBER M-180 TRACTOR with BLADE & FRONT END LOADER, not running; N.H. 45 semi-mounted Mower; Little Genius 2-Bottom Plow; 15' Cardinal Belt Elevator w/Motor; Spring Harrow; Potato Plow; Platform Scale; TILL-STAR 5 h.p. Heavy Duty ROTA-TILLER; Hand Garden Sprayers; Roller-type Weed Sprayer Pump; Cyclone Hand Seeder; Lg. Lot Hand Garden Tools; Reel-type Mower Sharpener; Kerosene Portable Heaters; Tarps; Metal Tubs & Drums; Corn Sheller; Wooden Plane; Cream Separator; Coal Chutes; Hydraulic Cylinders; Gear Reducer; 4' Lawn Roller; Plow Shears; House Trailer Axle; many other items not listed.

HOUSEHOLD ITEMS including: Desks; Settee; Chairs; Tables; Stands; Record Players; TV; Hassock; Doors; Windows; Wagon Wheels; Electric Heater; Dishes & Cooking Utensils; Small Electric Appliances; Christmas Decorations; Jugs; Jars; etc.

1967 DODGE DART 2-DR. AUTOMATIC

Inspection the day of sale. **Lunch Available.**

D. ALLEN "Butch" ZARTMAN & MARY A. ZARTMAN,
Owners (717) 425-3313

Mike, Auctioneer AU001599-L
George, Realtor & Auctioneer AU000209-L

DEIBERT

PUBLIC AUCTION

Estate of Mrs. Irene M. Arvin
46 Acre Farm York County, Pa.
4 Acres & Frame House

ANTIQUES — HOUSEHOLD
FRUIT STAND EQUIP. — TRACTOR

SATURDAY, AUGUST 25, 1984 9:30 A.M.

DIRECTIONS: 2440 Mt. Zion Rd., York County. (Rt. 24 North of Avalong's Restaurant off Rt. 30 at Mt. Zion Exit).

REAL ESTATE 1:00 P.M.

PARCEL #1 - 46 Acre farm with 8 rooms & bath, stone house from early 1800's, approx. 1200 ft. of Rd. frontage on Mt. Zion Rd. Stone & frame barn approx. 30 x 50, corn barn, work shop w/basement & 2nd floor. Smoke house & 1 car garage, fruit stand along Mt. Zion Rd., farm being in full cultivation, wooded area, 2 springs & 1 drilled well at barn, very good investment property with many potentials. Sewage & gas along road frontage. Gas furnace in farm house. Springettsbury Twp.

PARCEL #2 - 4 Acres w/frame 2½ story house w/9 rooms & bath, asbestos siding, slate roof & well, connected to sewage. Approx. 500 ft. road frontage, Gas hot air heat, with out-buildings, 2 story chicken house & smoke house - located in Springettsbury Twp.

FOR INSPECTION OF REAL ESTATE PH. — 755-0674 or 755-8747.
TERMS: 10% Down - Balance in 45 Days.

GUNS - Cap & Ball Long Gun, Winchester 22 Model 270 Pump w/Scope.

TRUCK & TRACTOR & EQUIP. - Allis Chalmers B w/hydraulic, plow, culti., sickle bar mower, 5 ft. Mono pull-type rotary mower, Loader for A.C.-B or C. 1973 ½ ton Ford pick-up, F-100 w/45,000 mi. - A Title.

FRUIT STAND EQUIP. - Walk-in-cooler (inside Dim. 5x7), Dayton scales, cash register, bushel baskets, peach baskets, tables & stands, upright freezer 6 ft. & 9 ft., display coolers, adding machine, paper bags, measures, old candy case display.

COINS - Silver Dollars 1927 2½ Dollar Gold Piece, Indian Head Pennies.

ANTIQUES & HOUSEHOLD - Dry sink, blanket chest, trunk, bow side china closet, square china closet, cottage dresser, dough tray, bracket light, slaw cutter, Blue Flower jug, crocks, clothes tree, jelly cupboard, rope bed, cane chairs, drop-leaf table, kerosene light, beds, dresser, wardrobes, reed rocker, chest freezer, refrigerator, gas stove, Halls china, pattern glass, cake stand, canning jars, lawn chairs, dining room table, colored TV, portable TV, wash machine, end tables, sweeper, pots & pans, clocks, flatware, bird bath, brass bucket, oak chairs, butcher ladles, ½ drill, safe - 21x22x32 & other items not mentioned.

AUCTIONEER'S NOTE: 9:30 Fruit Stand Equip. - 11:00 Large Furniture, Followed by glassware & small items - REAL ESTATE at 1:00 P.M. & Truck & Tractor at 12:30.

TERMS: CASH OR GOOD CHECK.

SALE CONDUCTED BY:
Blaine N. Rentzel - Lic. #761
Ph. 717-764-6412
Charles Arvin - Lic. #026-L
Nevin Rentzel - Lic. #1442

Estate of **IRENE M. ARVIN**
Executors: Charles W. Arvin
Richard E. Arvin
Attorney: Garber & Garber

PUBLIC AUCTION

TRUCKS - BUILDING SUPPLIES & CONTRACTOR TOOLS

WEDNESDAY, SEPTEMBER 5, 1984

3:00 P.M.

Located: 1 mile south of Jacobus, Pa. York County. Turn right on Beck Rd. - follow to end of blacktop.

*** TRUCKS ***

1981 Toyota Pick-up w/23,000 miles. 1975 Ford 150 Custom - Straight Stick - Radio & Heater - Tool Box. 1967 Chev. C50 Series Flat Bed Dump w/removable sides. 1967 Chev. Van. Winnebago Travel Trailer - 15 ft. Sleeps 6 Fully Self Contained. 40 ft. Storage Trailer. Snap-On Tune Up Machine - Truck & Car Tires.

*** CONTRACTORS TOOLS ***

Aluminum Brake, Power Saws, Cut-off Saws, Straplers & Staples, Nailers, Portable water pump, Transit & surveyor w/tri-pods, portable generators, cement finishers, drawing board, pipe vise, temporary service poles, (overhead & under ground), mortar mixer, office furniture, BASE RADIO MOTOROLA & 6 UNITS, scaffold, step ladder, double & single ladders, hard hats, miter box, portable heaters, tool boxes, portable gas tank for pick-up, pick-up tool box, air hose & grease gun.

*** BUILDING SUPPLIES ***

Oak planking & boards, aluminum siding, shingles, slate, hard board siding (approx. 100 sheets), hardwood flooring, shutters, ANDERSON WINDOWS (various sizes), lightning rods, plank, wheelbarrows, rakes, shovels, picks, cellar windows wells, Solfet vents, doors, casing, & base board molding, NEW CENTRAL VACUUMS, plumbing supplies, several cases of NEW exterior locks, ridge vents, aluminum Collens, door frames, bifold doors, cast floor drains, hinges, towel bars, shower rods, soap dishes, plywood, skid of colored masonry cement, pole jacks, wiring & molding, metal storage closet, gas dryer, oil burner, folding chairs, dressers & many items not mentioned.

AUCTIONEER'S NOTE: Most of these items are new or like new & well taken care of, we will start sale with small items and trucks will be sold at 6:00 P.M.

TERMS: Cash or Good Check.

GLENN BRENNEMAN
Brenneman Builders
Ph. 428-2944

AUCTIONEER: Blaine N. Rentzel - Lic. #761
Emigsville, Pa.
Ph. 764-6412

LEE D. DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
Box 164 Pillow Pa 17080
Phone 758 6004

AUCTION

PURPLE PUMP BAR

6 miles north of Hegins, Pennsylvania, 10 miles south of Shamokin, along Route 125, in the village of Franklin Square.

MONDAY, SEPTEMBER 3, 1984

11:00 A.M.

REAL ESTATE

PARCEL #1: PURPLE PUMP BAR - 2½-Story Frame Building Situate On 0.577 Acre...First Floor Contains Bar, Dining Room, Kitchen & Rest Rooms...Second Floor Has 3 Bedrooms, Living Room & Bath...Heated With Hot Water Oil Furnace...App. 12' x 12' 1-Story Storage Building Situate On Lot. Will be offered with liquor license, inventory and gas pumps. Sale will be subject to approval of P.L.C.B.; for information and complete list of inventory, contact owner or auctioneer.

PARCEL #2: 2½-STORY FRAME HOUSE Situate On 0.305 Acre...First Floor Contains Kitchen, Dining Room & Laundry Room...Second Floor Has 2 Bedrooms & Bath...Electric Heat...Shed On Rear Of Lot.

PARCEL #3: PARCEL OF LAND Consisting Of 1.175 Acres.

PARCEL #4: 1-STORY GARAGE Situate On 4.545 Acres.

For additional information or inspection of above-mentioned Parcel's, phone 717-644-2120, 717-648-9063 or 717-758-6004. Real Estate will be offered at 1:00 P.M.

FARM IMPLEMENTS

Ontario Grain Drill; Pull-Type Corn Planter; Potato Plow; Fisher Plow; McCormick-Deering Pull Type Reaper; Spike Tooth Harrow; Flat-Bed Trailer; Mandrel Saw; Misc. Small Hand Tools; Wooden Ladder; (2) Butcher Kettles; (2) Meat Grinders - 1 Enterprise, Like New; Square Butcher Block; Scalding Trough; Misc. Crocks and Lard Cans; Etc.

GARAGE EQUIPMENT

Snap-On Wheel Balancer; Coats 20-20 Tire Changer; Micro Wheel Balancer; Gray 2-Ton Hydraulic Jack; Air Compressor with 2 h.p. Motor; Kengrip Model 10 Tire Studder and Studs; Black & Decker Hand Stud Gun; Creeper; Large Assortment of New, Retread and Used Tires; Assorted Car Touch-Up Paint; Assortment of Mufflers, Fittings, Air Hoses, Radiator Hoses, Brake Shoes, New Running Boards; Bench Vise; Coal Heatrola; Air Conditioner; Numerous Other Items.

TERMS: REAL ESTATE - 10% DOWN. FURTHER TERMS AND CONDITIONS TO BE GIVEN DAY OF SALE. PERSONAL PROPERTY - CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT WITH AUCTIONEER OR APPROVAL PRIOR TO DAY OF SALE.

Owners,
GRACE & CLARENCE KEIM

David A. Rattigan, Attorney
Auctioneers: Dockey #AU-000229-L,
Dockey #AU-001683-L &
Deppen #AU-001957-L

Public Auction Register

MONDAY SEPTEMBER 3 9 AM Public Auction of 7 Head of Beef Cattle, Pole Hereford Steers and Heifers, Farm Equipment, Blacksmith Tools, Elec Power Tools, Carpenter and Farm Tools, Car, Antiques, Butcher Tools, Household, Etc Located 4 miles east of Gettysburg and 9 miles west of Hanover on Rt 116, thence at White Run Bridge, turn north, first farm Adams Co, PA Theron T S Dayhoff, Owner Clair R Slaybaugh, Auctioneer

WED SEPTEMBER 5 3 PM Public Auction of Trucks, Building Supplies & Contractor Tools Located 1 mile south of Jacobus, PA York County Turn right on Beck Rd Follow to end of blacktop Glenn Brenneman Owner Blaine N Rentzel Auctioneer

THURS SEPTEMBER 6 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road Lancaster, PA

THURSDAY SEPTEMBER 6 6 30 PM Public Auction of a Double 2½ story Property Located in the village of Parkesburg Rick & Ann Atwater, Owners Steve Petersheim, Auctioneer

FRI SEPTEMBER 7 7 PM Public Auction of a Holstein Promotion Sale Located at New Holland Sales Stables, Inc 12 miles East of Lancaster, off Rt 23 Abe Diffenbach & Norman Kolb, Auctioneers

FRI SEPTEMBER 7 9 AM Public Auction of all kinds of Machinery on Consignment Located at the Belleville Livestock Market Belleville, PA Belleville Livestock Market, Owners Mark Glick, Auctioneer

FRI SEPTEMBER 7 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

PUBLIC SALE

Of Dwelling in the town of Mechanic Grove, along Church Road, just off Route 222, 3 mile south of Quarryville.

FRIDAY AUGUST 24, 1984

7.00 P M

A lot approx 74 ft frontage by 184 ft deep erected thereon a 2½ story brick & frame dwelling 3 bedrooms w/closets and full bath upstairs Kitchen, living & dining & powder room & enclosed porch on first floor Full basement, slate roof, storm windows & screens over entire house New well, shade Small 2 story barn w/workshop on second floor Hot water auto oil heat Modern kitchen, beautiful scenery and a great place to live

Terms by
FLORENCE B. HANNUM
717-786-4862
10% down, balance in 60 days or negotiable

J. Everett Kreider, Auct. AU-000512-L

Inspection Dates of property are July 30 & Aug 15 between 5-8 PM or by appt

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI SEPTEMBER 7 7 00 P M Holstein Promotional Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

FRI SEPTEMBER 7 9 AM Public Auction Hardware, Tools, Machinery and Seeds Located between Schaefferstown and Lebanon, along Rt 897, near Iona, Lebanon County, PA Hamilton Bank, Pursuant to security agreement with Boyd Seed Center, Inc , Owner Paul E Martin & John D Stauffer, Auctioneers

FRI SEPTEMBER 7 9 AM Public Auction of Machinery, Seeds, Hardware & Tools Located between Schaefferstown and Lebanon, 1 block off Rt 897 near Iona, 306 Iona Rd , Lebanon County, PA Hamilton Bank, Owner Pursuant to Security Agreement with Boyd Seed Center, Inc Paul E Martin & John D Stauffer Auctioneers

FRIDAY, SEPTEMBER 7 6 30 PM Public Auction of Houvale Farms 13th Yorkshire Production Sale Located in Lebanon Area Fairgrounds, Evergreen Rd and Cornwall Rd , Rocherty Rd east off of Rt 72, Lebanon, PA Elwood E Houser Owner Col Harry Bachman, Auctioneer

SAT SEPTEMBER 8 10 AM Public Auction of Real Estate, Household Furnishings, Antiques, Collectibles, Farm Equipment and Tools Located in the Village of Hepler, Upper Mahantongo Twp , Schuylkill Co , PA, ¼ mile south of Agway store, 6 miles east of Klingerstown, 2 miles west of Rt 125, turn west at Purple Pump Cafe Samuel R Smith Estate Shirley Welker & Charles S Smith, Administrators Mike & George Deibert, Auctioneers

SATURDAY SEPTEMBER 8 9 AM Public Auction of Real Estate, Antiques, Collectibles, 1968 Cadillac Sedan De Ville, 1968 American Motors 440 Station Wagon, 1960 Jeep, Cub Cadet 800 Riding Tractor, Household Items, Machinist's Tools, Coins, & Misc Items Located at 999 East Union St , Millersburg, PA Upper Dauphin Nat'l Bank, Executor of the Katherine Shatto Estate Dockey, Dockey, & Deppen, Auctioneers

SATURDAY SEPTEMBER 8 Public Auction Benefit of Geet Ministry, formerly Gospel Echo Teams Steve Petersheim, Auctioneer 717 786-4624

SATURDAY SEPTEMBER 8 9 AM Public Auction of Real Estate, Farm Machinery, Antique Tools & Household Articles Located in R D 1, Airville, PA Approx 9½ miles southwest of Red Lion, turning west off Rt 74 in the village of Collinsville, proceeding about 1½ miles to Fulton Rd on the left Follow Fulton Rd about ½ mile to farm and place of sale on left in Lower Chanceford Twp , York Co , PA Ernest R Tomlinson Estate Viola G Tomlinson, Owner Bob & Tom Sechrist, Auctioneers

SATURDAY SEPTEMBER 8 - 10 AM Public Auction of Welding Shop Equipment, Trucks, Tools, Steel, Etc Located at 801 Manchester Ave , Media, PA From Rt 1, Downtown Media, turn east on Manchester Ave about 4 blocks to sale H Leslie Parlette, Owner White side and Assoc , Auctioneers

TUES SEPTEMBER 11 - 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81, 717-249-4511

TUES SEPTEMBER 11 11 AM Public Auction of a 60 Acre Dairy Farm, Milking Equipment and Harvestore Silos Located in Bern Twp , Berks Co From light in Leesport at Rt 61 take Main St West to Grange Rd , then 1½ miles to property Mat thew L and Mary K Degler, Owners Horning Farm Agency, Inc , Auctioneers

FRI SEPTEMBER 14 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI SEPTEMBER 14 7 PM Public Auction of the District Relief Heifer Sale for the Church of the Brethren Located at the Lebanon Fairgrounds, Lebanon, PA Claire Kreider, Manager

FRI SEPTEMBER 14 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI SEPTEMBER 14 7 PM Public Auction of the District Relief Heifer Sale for the Church of the Brethren Located at the Lebanon Fairgrounds, Lebanon, PA Claire Kreider, Manager

FRI SEPTEMBER 14 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SATURDAY SEPTEMBER 15 - 9 30 AM Public Auction of Real Estate, Equipment, Trucks, Machinery Parts, Feed, Hardware, Tools & Antiques Located approx 10 miles east of Exit 1 off I-83 on PA Rt 851 in the village of New Park, PA Anderson Bros Feed Co , Lee W Manifold, Owner Bob & Tom Sechrist, Auctioneers

SATURDAY, SEPTEMBER 15 - 12 Noon Public Auction of a Young Herd Dispersal of 33 Head of Cattle and Dairy Equipment Located 2½ miles southeast of Taneytown, Carroll Co , MD Take Trevanion Rd at Taneytown Bank, go 1 2 mile to Otterdale Mill Rd , go south 1 3 mile to sale Mr & Mrs Samuel Cool, Owners Calvin L Amoss, Auctioneer

MONDAY, SEPTEMBER 17 - 12 Noon Public Auction of Valuable Real Estate "Horse Farm", Horses and Equipment Located in Harrington, Del , Rt 13 northbound to Callaway Furniture Store, turn left thru stop sign to Rt 279 Turn left, first place on left Mr & Mrs J D Dennis, Owners Carroll Sales Co , Inc , Auctioneers Harry Barrett, Anthony Carroll & Chester Lee Carroll

---

SPECIAL COMBINE

ABSOLUTE AUCTION

FRI., AUGUST 31, 1984 9:30 A.M.

Lumberton, N.C. 4 mi. S. of I-95 on Highway 211.

OWNER: **NEW HOLLAND CREDIT CORP.**
and others

COMBINES will sell at 11:00 sharp
COMBINES are late model and low hour
(Your are welcome to check them before sale date.)

NH 4 TR 85 s 2 TR 75 s 6 TR 70 s NH 1400 Gleaner FK 2 F2 M2 M K E 2 JD 6600 3300, MF 550 510 300 s IH 715 815 #1460 80 PT Oliver 525 Case 660 258 Farm Tractors 1978 Timberjack 1500 Loader 5 Trucks 150 items of farm equipment D 5 Cat Dozer

NOTE We will have identified consignments combines trucks and equipment at this sale

TERMS CASHIER'S CHECK OR LETTER FROM BANKER
ALL ITEMS SOLD AS IS DAY OF SALE

NO WARRANTY Neither New Holland or Meekins Auction Co offers any warranties express statutory or implied, including any implied warranty of merchantability All goods are used second hand and are sold as is where is

FOR MORE INFORMATION CONTACT
MEEKINS AUCTION CO.
Route 5, Box 785M, Lumberton, N C 28358
(919-739-0547) NCLN 858

REAL ESTATE, FARM MACHINERY ANTIQUE TOOLS & HOUSEHOLD ARTICLES

Of the Late Ernest R. Tomlinson
of R.D. 1, Airville, PA.

SAT. SEPT. 8, 1984
at 9 A.M.

Located approx. 9-½ miles southwest of Red Lion, turning west off Rt. 74 in the village of Collinsville, proceeding about 1-½ miles to Fulton Rd. on the left. Follow Fulton Rd. about ½ mile to farm & place of sale on left in Lower Chanceford Twp., York Co., PA Watch for signs.

106 Acre Farm
REAL ESTATE
106 Acre Farm

Real estate consists of approx. 106 acres of which about 85 acres are choice farming land in high state of cultivation w/balance in pasture & unharvested timberland.

Improvements include a lg. 9 room 2½ story frame farm house, lg. bank barn, corn shed & other necessary outbuildings. Here is truly a farmer's farm w/gentle rolling chester loam soil, contoured & growing excellent crops.

For inspection by appt. please call 717-862-3737. Terms 10% down day of sale w/balance to be paid on or before Jan. 2, 1985.

Bob & Tom Sechrist, auctioneers
Anderson & Sechrist, clerks
Lic. # - 820 & 821L
Not responsible for accidents

Owner
VIOLA G. TOMLINSON
Airville, PA

FARM MACHINERY AUCTION

JD 4230 - Ford Idt. tractor - Mack truck & Trailers

SATURDAY, AUGUST 25, 1984
At 12 Noon

For Joe Hays (White Gate Farm) on Trannersbrook Rd., ¼ mi. off Furnace Rd., ¼ mile off Rt. #24. 2 miles West of Chester, N.J. from Rt. #206 traffic light. Arrows Posted!

No Small Items
12 Noon Tractors

John Deere 4230 DL tractor W.F. 3 PTH. 4 post open cab, Ford 3400 DL 3 PTH w/Ford H.D. front end loader, Farmall M w/N.I. #316 mtd. 2 row corn picker, J.D. A tractor for parts.

TRUCKS & TRAILERS

1969 Mack R600 DL truck tractor, tandem w/wet line, duplex trans. Brown 45 ft. Alum. box trailer 13.6 ft. high, Owens 40 ft. single drop flat bed trailer tri axle, 1978 Dodge power wagon 4x4 w/winch, crew cab V8 auto trans and dump pickup bed.

FARM MACHINERY

Gehl #250 manure spreader used 8 mos. like new 250 bu., Gehl 100 grinder mixer w/hyd. auger A-1. J.D. 7000 4 row maxi merge corn planter w/insect. boxes, J.D. #35 chopper w/1 row corn, direct cut and haylage hds, Gehl Hi Throw hopper blower, Hesston #10 hay stakhand hay stacker and hyd. hay stack mover, snow plow & frame for 4230 heavy duty, Coby chuck wagon, Coby 16 ft. Kicker wagon, Little Giant 42 ft. 6" grain auger w/motor, N.H. 256 rake needs work, Squeeze chute for cattle. Plan now to attend this sale!

Inspection 1 week before Sale!

TERMS Cash or Good Check w/proper I.D. Paid in Full Sale Day! Out of State Buyers - Cash or Certified Funds or Valid Bank Letter stating amount you can spend Addressed to Joe Hays Farm Sale Aug. 25, 1984.

Owner
JOE HAYS

Sale Conducted by:
Col. Fred R. Daniel Auctioneers Inc.
Neshanic Sta., N.J.
201-369-4784

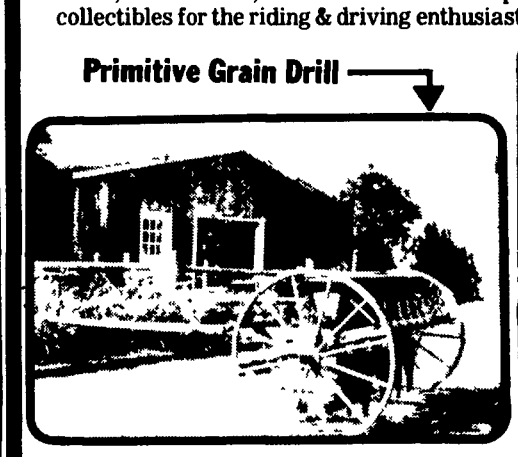
PUBLIC AUCTION

OF CARRIAGES, SLEIGHS & ANTIQUES
AUGUST 22, 1984 - 5:00 P.M.
Collection of brass tools & assorted antiques
AUGUST 23, 24 & 25 1984
STARTING 9:30 A.M. EACH DAY

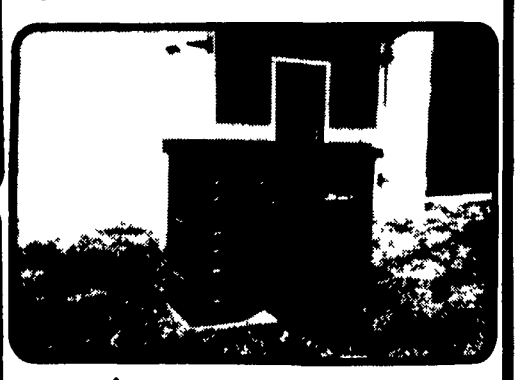
Located at Martins Sales Pavilion, two miles East of Intercourse, on the corner of Route 340 and New Holland Roads, Lancaster County, Pennsylvania.

Horse drawn farm machinery including an old Allis-Chalmers manure spreader; plows; grain drills; blacksmith & primitive tools; carriage & wagon parts; complete silver saddle outfit; carriage lamps; wagon wheels; ox yokes; tie weights; bits; rosettes; work & driving harness (horse & pony size); coaching appointments; whips; horse related books; lap robes; soap box racer; church bell; roller coaster cars & park benches from Rocky Springs Park; running gears; & many useful items & collectibles for the riding & driving enthusiast & persons involved in building or restoring carriages & sleighs.

Primitive Grain Drill →



← Roller Coaster



Allis-Chalmers Manure Spreader →

Jeweler's Oak Work Bench

Approx. 300 horse drawn; carriages & sleighs include: wagonette break by Burlington Carriage Co.; Geo. IV phaeton (5/8 size); restored pony back-to-back trap; 2 new 3-seat surreys; high wheel sulky; fine harness carriage; shooting break; sev. wagonettes; restored 4-wheel governess cart; Bronson wagon; Hanson cab; Harewood gigs; Irish jaunting cars; 4-pass. surreys; restored swell body cutter; restored ladies phaeton; brougham; new vis-a-vis; restored Jenny Lind; sailor's wagon; sev. Landaus; ralli car; restored top buggys; Ky. breaking carts; new breaking carts; Governess carts; farm & hay wagons; to name a few of the various types.

1971 International Lodestar 1700 horse truck, 4-door, 6 pass. cab; Holiday travel trailer; flat bed carriage & utility trailers; 1972 Mustang Convertible.

One session on Thursday at 10 AM of antique furniture & misc. antiques, primitives, glassware, tinware, general store items, etc. Good quality antiques accepted for this session until start of the auction.

TERMS: CASH, CERTIFIED CHECKS OR TRAVELERS CHECKS.

For additional information regarding this specialized auction, please contact:

Martin Auctioneers, Inc.

Larry L. and Paul Z. Martin, Jr.
P.O. Box 477
Intercourse, Pa. 17543
717/768-8108
Martin Auctioneers, Inc.-AU001137-L
Larry L Martin-AU-000578-L
Paul Z Martin Jr.-AU-001863-L

UPCOMING CARRIAGE AUCTIONS!!

October 25, 26 & 27, 1984 - Martins Sales Pavilion, Intercourse, PA
November 24, 1984 - The late Evan K. Shaw Carriage Collection (Metlox Potteries), at Orange Co. Fairgrounds, Costa Mesa, California.
January 12, 1984 - Consignment Auction at Orange Co. Fairgrounds, Costa Mesa, CA.

GOOD'S AUCTION

111 N. Maple Ave. Leola Pa.
Hay and Straw Sales Every Wed.
At 12:00 Noon
FARM MACHINERY SALES
FIRST AND THIRD WED.
FEB. THRU OCT.
AT 9:00 A.M.
Loading Hours 8:00 a.m. To 6:00 p.m.

ALL KINDS OF BUILDING MATERIAL
At 11:00 A.M.
No Household Items
No Junk
No Out Of State Checks
Flea Market Stands Available
First and Third Wed.
At $3.00/$4.00

Goods Auction
111 N. Maple Ave.
Leola PA. 17540

PUBLIC AUCTION

OF 149 ACRE LIMESTONE FARM & MODERN FARM EQUIPMENT
MONDAY, SEPT. 3, 1984
Auction Time: 11:00 A.M.
Real Estate: 2:00 P.M.

DIRECTIONS: Take Route 419 North from Schaefferstown, toward Newmanstown, go approx. 5 miles to farm on left. Mill Creek Township, Lebanon County, Pennsylvania.

149 ACRE LIMESTONE DAIRY FARM

DOUBLE BRICK HOUSE

Side 1 having MODERN KITCHEN, LIVING ROOM, 4 BEDROOMS & BATH, also SUMMER HOUSE.

Side 2 having Kitchen, Living Room, Family Room, 4 Bedrooms, Bath, Summer House.

LARGE BANK BARN

with 64 stanchions, partial barn cleaner, attached milk house, 1,500 gal. Mueller bulk tank; 18'x72' concrete silo and unloader, 2-12'x40' silos to service dairy barn, 8 ton feed bin.

HEIFER & CALF BARN

36'x72' with manure pit;

STEER BARN

45'x110' with Ressler feeder & tile trough, 20'x76' solid concrete silo w/unloader, double crib corn barn with implement storage, 5 car garage, tobacco shed for approx. 3½ acres tobacco, shop area, underground fuel tank, 200 Amp service, Richland Boro water.

100 acres tillable, 40 acres pasture with large stream, 3 acres woodland, approx. 12 acres of pasture could be tillable, making a total of 112 tillable.

NOTE: THIS IS ONE OF THE FINER FARMS IN LEBANON COUNTY. See it at OPEN HOUSE, Saturday, Aug. 25, and Sept. 1, 1984, 12:00 noon to 3:00 p.m. or by appointment, call 717-949-3704. Balance of farm can be inspected anytime. IF IN NEED OF FINANCING, FINANCING IS AVAILABLE TO QUALIFIED BUYER. Call Auctioneer at 717-733-3511 for more information.

TERMS: 10% Down Day of Auction, balance in full, January 3, 1985. Arrangements could be made to use barn for dairying and crop storage before settlement by discussing it with owners. All herein information is believed to be accurate but is being used for advertising purposes only. All out of state checks must be accompanied by current bank letter of credit specifically for this auction.

Auction By:
JOHN J. & EVA S. OBERHOLTZER
Henry Steiner, Attorney
Auction Conducted By:
Paul E. Martin, Auct. AU-001601-L
Ephrata, Pa. 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Lititz, Pa. 717-665-5099
Food At Auction

Dairy and Livestock Sales

MON SEPTEMBER 17
Public Auction of approx 120 head of dairy cattle located along Rt 419, 5 miles north of Schaefferstown, Millcreek Twp, Lebanon County, PA Sale by John J and Eva Oberholtzer Paul E Martin and John D Stauffer Auctioneers

THURS SEPTEMBER 20
Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro MD ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI SEPTEMBER 21
Landisburg, PA Kling's Fall Invitational William Kent, Bergen, NY Pedigrees Kling's Auction Sale Managers

FRI SEPTEMBER 21
6 30 PM Public Auction of Feeder Cattle and Feeder Pigs. Located at Keister's Middleburg Auction Sales, Inc, Rt. 522, 3 miles east of Middleburg, PA, 5 miles west of Selinsgrove, PA Don & Walt Keister, Owners Ray Long & Dave Imes, Auctioneers

FRI SEPTEMBER 21
5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT SEPTEMBER 22
Public Auction Benefit Sale for West Fallowfield Christian School Located 2 miles south of Atglen, PA along Old Rt 41, Newport Pike Leon Kurtz, Auctioneer

SAT SEPTEMBER 22
9 30 AM Public Auction of Antiques, Household & Blacksmith Tools Located in Yocumtown, York Co PA Yocumtown is east of Rt 83 at Exit 14, between Harrisburg & York Ruth Tusing, Owner Blaine N & Nevin B Rentzel, Auctioneers

PUBLIC SALE

OF VALUABLE REAL ESTATE, ANTIQUES, HOUSEHOLD GOODS, GUNS, CAR, BACK HOE, MASON & CARPENTER TOOLS
OF THE LATE PAUL HENGST ESTATE
SATURDAY, AUG., 25, 1984
AT 8:30 A.M.

LOCATION: From Rt. 74 between Dallastown & Spry, turn onto Ironstone Hill Rd. at Spanglers Market. Proceed approx. ½ mile to Green Valley Rd. Turn right, 4th house on left. Watch for sale signs.

REAL ESTATE

1½ story brick home with living room, 2 bedrooms; kitchen, full bath, fireplace, built-in front porch, nice sized attic and storm windows. Home has oil fired base board hot water heat and basement is fully cemented. Cement block out building 17½x11½. If in the market for a nice, quite country home just minutes from York, don't miss this sale. Inspection of Real Estate will be Sat. Aug. 18 from 2 to 5 PM, or for special appointment call 741-2952. Real Estate will be offered at 1 PM day of sale. Terms are 10% down day of sale with balance in 30 days. Other conditions given day of sale.

ANTIQUES

Oak bed; Oak wash stands; Oak dresser; Oak clothes trees; Oak cane seated rocker; Oak high chair w/wheels; Oak mantle clock; Oak fainting couch; 5-leg oak table; Oak stands; Cherry stand; small pine cradle; Pine blanket chest; wood box; Reed rocker; trunks; Pine stand w/drawers; odd plank bottom chairs; Rayo light; Gone With the Wind light; hurricane lights; picture frames; cookstove; wood stove; wooden meat tub; lots of crocks; several baskets; wash boiler; cow bells; 5 pc. decanter set; 6 pc. wash bowl & pitcher set; berry set; depression glass; Copper Luscious pitcher; Shirley Temple pitcher; gypsy pots; violin; pocket watches; N. Robert gold watch; Columbia gold watch; American silver watch; corn sheller; tobacco baler and lots more. Quilts, lap robes, set of 5 oak kitchen chairs. W. Foust Bottle.

HOUSEHOLD GOODS

2 pc. modern bedroom suite; sofa & chair; dinette set w/6 chairs; reclining chair; Admiral color TV; lights; gun cabinet; small elec. stove; refrigerator; Kenmore & Dexter wringer washers; double wash tub; lawn furniture; cooking utensils; jars; fishing equip.; childs wagon, plus more.

GUNS

Stevens single barrel 12 guage; Savage 22 Hornet model 340-B bolt action; J.T. Randall 12 gauge double barrel hammer gun; Remington Nylon 11-22 bolt action; Winchester model 88 .308 cal. lever action w/3x9 Weaver scope; Winchester model 12 12 gauge pump; Winchester model 88 .308 cal. w/6x Bushnell scope; Western Field 12 gauge pump 3" magmium; Stevens model 325-C .30-30 cal. bolt action rifle; HR 22 9-shot pistol; Marquis of Lorne .32 cal. rim fire pistol (antique); .40 cal. percussion pistol (antique); Bushnell 25X spotting scope w/tripod; Moseburg 20X hand spotting scope; Bushnell 7 50 binoculars. **NOTE: Guns will not be present until day of sale. To be sold between 1 and 2 PM.**

MASON & CARPENTER TOOLS

2 bag stone moetor mixer; mud pans; wheel barrow; air compressor; step ladders; 20' alum. ladder; bolts; nuts; digging irons; shovels; picks; rakes; power saw; trails; floats; edgers; drills; bits; pipe wrenches; socket sets; bolt cutters; levels; jointers; buck saw; hand saws; gas cans; oil and lots more.

MOWER: Wheel Horse 800 Commando 36" riding mower. 2 wheel dump cart. Wheel Horse snow blower.
CAR: 1978 Monte Carlo w/sunroof, 2 door, air condition, 17,092 original miles.
BACK HOE: IH 3414 diesel w/2 buckets and front end weights.
TERMS: Cash or good and approved check.

EXECUTORS:
MRS. MYRTLE HARLACKER
MRS. GLADYS FERREE

Auctioneers:
Melvin Haines, 741-2241
Lic. #AU-379L
Ralph Brenneman, 741-1728
Lic. #AA708-L
Atty. Henry Leader
Refreshments served.
Not responsible for accidents day of sale.
CLIP AND SAVE

Public Auction Register

PUBLIC AUCTION

37 HOLSTEIN DAIRY CATTLE
Repossed by FmHA
Plus Added Consignments

Located on Roy Shultz Farm 5 miles E. of Hughesville, Pa. just off Rt. 118. Watch for Auction arrows.

FRI. EVE., AUGUST 24, 1984
Starting 7:30 P.M.
50 HOLSTEIN DAIRY CATTLE 50
9 Registered - Balance Grades

FHA herd consists of 37 milking age, 5 springers due sale time, 5 fresh Since June 1st balance various stages 4-20 mth old heifers (2 Eligible for Reg) 2 bred These heifers dams have records from 18,000 to 21000M Sample of Reg cows selling GP82 Flame w/26,736M 1014F 3 yr old GP76 Ace due sale time to Saul VG85 Elevation Bob VG86 RORA Elevation Added consignments include 4 registered animals 16 mo old Jemini bull from 2E91 Elevation w/32,000M 1054F 2nd Dam Gent, 3rd Dam Kingpin GP83 Gay Ideal w/19,700M 712F Fresh 6 25 milking 73 lbs from GP82 Bootmaker w/20,000M 2 first calf heifers from Marvex Son just fresh 3 fresh grade 3 yr olds w/1st calf records from 16,000M to 20,000M 3 2nd calf springers due sale time w/17,000 records etc etc

30 Day Health Charts
Preg Checked — Sale under cover
Sellers, **FmHA**

Plus Added Consignments
Conducted by Fraley Auction Co.
(717) 546-6907 AU001194L
Lunch available.

Goldstein, Rubenstein & Sher, P.A. Attorneys
Howard A. Rubenstein, Attorney
1709 Charles Center, South
Baltimore, Maryland 21201

TRUSTEE'S SALE IN BANKRUPTCY

TRUCKS, FARM EQUIPMENT & MACHINERY

Sale Location - Winter Place Farm
Entrance on Hobbs Road near Rt. 50 East
Salisbury, Maryland
(Where the auction will be held for the convenience of sale)

WEDNESDAY, AUGUST 29, 1984
At 10:00 O'Clock A.M.

The undersigned Trustee will offer the following assets for sale at public auction and has provided notice and the opportunity for hearing before The United States Bankruptcy Court for the District of Maryland in the matter of Richard M. Allen and Nancy F. Allen, Case No. 84-B-0591.

FARM TRACTORS & FARM EQUIPMENT

(2) Massey Ferguson Tractors-Model 245, (2) Massey Ferguson Tractors- Model 135, (1) Massey Ferguson Tractor Model 65, (1) Massey Ferguson Tractor -Model T035, (1) John Deere Tractor, (1) International Farmall-Model 140, (1) Massey Ferguson Disc-Model 520, (2) Farm Wagons, (1) Manure Spreader, (1) Disc and Plow, (1) Lilliston, 4 Row Rolling Cultivator, (1) Perfect Flail, (1) Smitty Tree Hoe, (1) Roto Tiller, (1) Ferguson Til-Rovator, (1) John Deere Spike and Draw Bar, (1) Meyers Herbicide Sprayer-Tractor Mounted, (1) Agtic Sprayall Crop Sprayer Model 5003, (1) Horse Trailer-2 Bay.

IRRIGATION SYSTEM & RELATED EQUIPMENT

(1) Reinke Center Pivot Irrigation System-880 ft. with Chrysler V-8 Power Plant Industrial Engine and Worthington Pump and Lima Generator. (Presently located at Bell Farm-Salisbury, Maryland.) Numerous Sections of 2", 3", 4" and 6" Aluminum Irrigation Pipe, (1) Portable Chrysler Power Plant V-8 with Berkley Pump Model 6J08M, (2) Irrigation Pipe Wagons.

TRUCKS, AUTOMOBILES & RADIO EQUIPMENT

(1) 1974 Ford F-500 Cab and Chassis with Sprayer Tank Body, (1) 1974 Ford F350 with 12' Stake Body, (2) 1983 Ford F-250 Pick-Ups, (1) 1978 F-250 Pick-Up, (1) 1974 Mercury Station Wagon, (1) 1972 Mercury Four Door Sedan, Motorola Two Way Radios and other items too numerous to mention.

Above list is subject to additions and deletions. Contact auctioneer for details or to arrange inspection.

Terms of Sale: Cash or certified funds or company check with proper letter of credit. Units sold "As Is, Where Is", with no warranties express or implied. Immediate removal.

HOWARD A. RUBENSTEIN
Trustee In Bankruptcy
Atlantic Auctions Inc.
701 N. Paca Street
Baltimore, Maryland 21201
(301) 523-5100

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

SAT SEPTEMBER 22 9 AM Public Auction Benefit for Fairview Christian School Selling Quilts and new Merchandise Located at the Fivepointville Firehall along Rt 897 and Fivepointville Roy Good, Jr, Randall Kline and Lloyd Kreider, Auctioneers

SATURDAY SEPTEMBER 22 Public Auction of the West Fallowfield Christian School Heifer Sale Steve Petersheim, Auctioneer 717 786-4624

TUES SEPTEMBER 25 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I-81, 717-249-4511

THURSDAY SEPTEMBER 27 - 7 AM Public Auction of a Mobile Home and Lot Located along Smokestown Rd between 897 and Reinholds Rd approx 2 miles east of Denver in East Cocalico Twp, Lanc Co, PA Jerry A & Deborah A Zerbe, Owners LeRoy S Horst, Auctioneer

FRI SEPTEMBER 28 - 10 AM Dairy Show, 1 30 PM Dairy Sale Located at the Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

FRI. SEPTEMBER 28 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT SEPTEMBER 29 - 12 Noon Red Carpet Horse Sale Public Auction of Registered Quarter, Appaloosa and Thoroughbred Horses Located at the Cambria Co Fairgrounds Edensburg, PA Kevin Hines and Chris Rowe, Owners Davis and Templeton, Auctioneers

SAT SEPTEMBER 29 - Consignment Heifer Sale to Benefit Elementary Christian Schools Located 6 miles east of Lancaster at the Guernsey Sales Pavilion Larry Kennel, Manager

SAT SEPTEMBER 29 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc, Rt 522, 3 miles east of Middleburg, PA, 5 miles west of Selinsgrove, PA Don & Walt Keister, Owners Ray Long & Dave Imes, Auctioneers

SATURDAY, SEPTEMBER 29 9 AM Public Auction Consignment Sale of the Sechrist Sales Co Annual Fall Sale Selling Trucks, Tractors, Farm Machinery, Lawn & Garden Equipment, Tools & Hardware Located on the livestock Auction Market grounds approx 5 miles south of Stewartstown, near New Park, York Co, PA Bob Sechrist, Manager

OCT.

WED OCTOBER 3 - 9 30 AM Show, 12 Noon Sale Annual Cow Show and Sale Located at the Belleville Livestock Market, Belleville, PA Mark Glick, Auctioneer

THURSDAY OCT 4 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI OCTOBER 5 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT OCTOBER 6 - Public Auction 10 AM Corner of Lykens and Mountain Rds in Mifflin Township, Dauphin Co, PA, 2nd farm west of Kolva's Sawmill, 1 mile north of Berrysburg, 36 miles NE of Harr 64 acre farm & Farm Equip Floyd E Stine, Peter I Stine & Woodrow W Stine, Owners Mike Deibert, Auctioneer George Deibert, Realtor, Auctioneer

SAT OCTOBER 6 - Public Sale of Antiques at 9 AM Located - Off Rt 30 at Hallam Exit, go south to Rt 462, continue straight on Freysville Rd, go through underpass, 1st farm on right in lane Estate of Ruth Stoner Brinkman Blaine & Nevin Rentzel, Auctioneers

SATURDAY OCTOBER 6 Public Auction of Real Estate Located 1 mile north of White Horse, PA Wilmus & Sara Stoltzfoos, Owners Steve Petersheim, Auctioneer

SATURDAY OCTOBER 6 - 8 30 AM Public Auction of Real Estate and 100 yrs Untouched Household Goods. Includes Antiques Located 7 miles west of York, along Rt 30 in the village of Thomasville, Jackson Twp, York Co, PA Elizabeth E Wehler, Owner Clair R Slaybaugh, Auctioneer

SATURDAY OCTOBER 6 - 9 30 AM Public Auction of Livestock, Dairy Equipment, Horses, Machinery and some Furniture Located in Snyder Co, 4 miles east of New Berlin, PA, 1 mile east of Cheese Maker on Co. Line Rd Sam Yoder, Owner Mark Glick, Auctioneer

TUES OCTOBER 9 - 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I-81, 717-249-4511

WED OCTOBER 10 - 12 Noon Public Auction of the Western PA Sale of Stars Located in Butler, PA

FRI OCTOBER 12 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI OCTOBER 12 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT OCTOBER 13 - 9 AM Public Auction of a 60 Acre Farm, Farm Equipment, Antiques and Household Goods Located in Brecknock Twp, Berks Co Carl H and William J Moore, Owners Horning Farm Agency, Inc, Auctioneers

SAT OCT 13 - Public Auction of Farm Machinery and Related Items Located 6 miles south of Richfield off Rt 104 Elwood Flowers, Owner Bryan D Imes, Auctioneer

SAT OCTOBER 13 5 PM Public Consignment Auction of Farm Toys and Others Located at the Lancaster Mennonite School gym, along Rt 30 east. Also toy show from 9 AM to 9 PM w/small admission charge Robert & Jeff Martin, Auctioneers 717-656-7770

Dairy and Livestock Sales

HOUVALE FARMS

13th YORKSHIRE PRODUCTION SALE

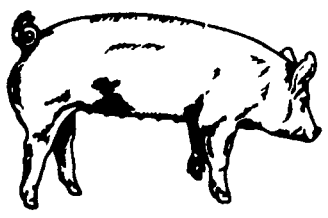
SEPTEMBER 7, 1984

Sale 6:30 P.M.

Location: Lebanon Area Fairgrounds, Evergreen Road and Cornwall Road, Rocherty Road East off of Route 72, Lebanon, Pa.

Basics never went out of style: with our herd priorities on Health, Production, Soundness, Mothering Ability, and rate of Gain. These are the basic keys to a purebred and commercial hog man's profits. When it comes to Raising Pigs — Yorkshires Wrote the Book!

YORKSHIRES



Our pen of 4 Boars at Penn State Test Station ave. 2.21 lbs. daily gain. 73 Back fat 4.66 Loin eye 62.33% Lean cuts score of 2 on soundness & underline 112 Index. These pigs were sired by Dallas from the 1983 Type Conference.

SELLING APPROX. 50 BRED GILTS
25 OPEN GILTS
25 BOARS

All animals will be bled and negative to Pseudorabies and Brucelosis so they can go into any state on sale day.

For Catalogue, Write to:
Elwood E. Houser
2150 Quentin Rd., Lebanon, PA 17042
Phone (717) 272-5798 or (717) 273-2921
This Is Investment Day
Auctioneer: Col. Harry Bachman
Phone (717) 867-1809

HOLSTEIN MILKING HERD DISPERSAL

The undersigned quitting milking will sell on the farm located midway between Hustontown and Waterfall, Fulton Co., Pa., farm located off Rte. 655, ½ mile east of Dublin Mill Rd., watch for sign on Rte. 655 on

SATURDAY, AUG. 25, 1984

Sale at 12:00 Noon Sharp

70 HEAD OF
GRADE HOLSTEIN COWS
3 SERVICE AGE BULLS

Herd consists of about 30 cows fresh since April, 18 due from around sale time until October, balance in various stage of lactation, cows are sired by A.B.C. bulls, bred animals carry service to bulls selling that are A.B.C. sired and are about ½ years of age or over. Cows have size, good udders and are high producers, up to 90 lb. per day. Most are young with many first calf heifers and more are in second or third lactation. Tested within 60 days. Charts furnished. Pregnancy checked where necessary, Sale in tent.

AUCTIONEER'S NOTE: If in need of base milk or good producing cows don't miss this sale. There are some outstanding cows to be sold.

Terms Cash or Good Check **Lunch at sale.**

DONALD E. BLACK, Owner
Star Route Box 3411
Three Springs, Pa.
Ralph W. Horst, Marion, Pa.
Auctioneer License No.: AU-000437L
Phone: (814) 785-3324

CONSIGNMENT SALE

OF TRACTORS-
FARM EQUIPMENT-TRUCKS

THURSDAY, AUGUST 23, 1984

9:30 A.M. Rain or Shine

Location: 4 miles West of Kenton, Del. at Everetts Corner, Rts 300 & 44.

Consignments open to Everyone
Receiving equipment on August 20, 21, 22 from 8 A.M. until 5 P.M. each day.
For listing of equipment in paper or for more information call:
Marvel Everett 301-653-7532 or
C.T. Scuse 302-653-7530

THE HOTLINE CONNECTION

SEPTEMBER 2, 1984

1:00 P.M.

Selling 75 lots of the finest Polled Hereford seedstock in the nation today.

OFFERING INCLUDES:
28 Cow/Calf Pairs
20 Yearling Bred Heifers
20 Fall-Calving Cows
7 Herd Bulls

Featuring The Progeny and/or Service Of:
PRL 930K Hotline 347N, Canadian Agribition Champion
Enforcer 107H, APHA Superior Sire
Victorious K47 U81, National Champion
FLF King Pin 2003, Reserve National Champion
Vindicator, Reserve National Champion

Herd is Certified & Accredited
Contact Us For Further Information, Motel Reservations, Or For A Free Copy Of Our Sale Catalog

FALKLANDS FARM
RFD 1 Schellsburg, PA 15559
814-733-2818
Mr. & Mrs. Leon Falk, Jr., Owners
Paul Stayton, General Manager
Located 12 miles west of Bedford on Hwy. 30

LEBANON COUNTY HOLSTEIN SALE

FRIDAY, AUGUST 24, 1984 7:00 P.M.

To be held at the Lebanon Area Fairgrounds, corner of Rocherty and Cornwall Rds., Southeast of Lebanon off rt. 72, Lebanon, Pa. From Pa. turnpike take route 72 north appx. 5 miles and turn right onto Rocherty Rd. to Cornwall Rd. to fairgrounds on right.

48-REGISTERED HOLSTEINS-48
40 Bred Heifers-due in fall-8 recently fresh 2 & 3 yr. olds

FEATURING

CHAIRMAN DAU. - Dam VG 86 Elevation with 5-8 365 26,286 3.6 953. Next dam VG 86 Performer and a maternal sister to Benbro Kingpin Polly EX96. Due in Dec. Marlin Bennetch, Myerstown.

VALIANT DAU. - Already scored GP83 in first lactation with 2-3 355 14,842 4.2 618. She sells fresh as a 3 yr. old. Dam by Elevation. Lester Martin, Fredericksburg.

TWO DAUGHTERS OF LIME HOLLOW ELEVATION MARS - 2 yr. old fresh in June at 2-1 and milking well. Her dam has 5-3 365 20,883 3.7 776 Mike Fair, Lebanon. Nov. 82 heifer from GP83 Sunshine Chief dam with 4-2 305 20,470 4.3 882. Next dam 7-0 365 26,514 3.7 979. Bred to Bell. Ken-Ire Holsteins.

JEMINI DAUGHTER - Fresh 2 yr. old from a VG Great View Apollo Beethoven dau. with 5-3 365 23,223 3.5 813. Next dam GP84 with over 18,000. Paul Miller & Sons, Linglestown.

From an EX. VIRGINIAN DAU. - Sired by Russeldale Persauder Reuben and bred to Tony. From a deep cow family with 4th dam over 225,000 and still producing. Vincent & Juliet Wagner, Jonestown.

TRIUNE COMPLETE DAU. - Fresh 2 yr. old from a VG Astronaut dam with 3 records over 20,000 and 150,000 lifetime. Second dam 3E-90 with 4 records over 20,000 and 165,000 lifetime. From the heart of one of the best families in the herd. J. Melvin Brandt, Hershey.

BELL DAU. - Due Sept. to a Glendall son. Her dam is VG85 at 2 yrs. by Elevation with 2-3 328 16,649 3.6 706. Next dam VG87 Astronaut. Dale Hostetter & Sons, Annville.

TRADITION dau. - From a GP83 Wayne Spring with 2-1 330 18,052 3.6 652. Bred to Bell. Raymond & Marlin Getz, Myerstown.

VERY DAU. - Dam is a GP82 Rocket with 3-0 331 20,124 3.6 720. Heifer is due Sept. to Stewart. Second dam over 22,000. Timothy Tyson, Palmyra.

Other sires include Marvex, Superior, Gay Ideal, Persauder, Marlu Perseus Chief, Lucky Royal Star Admiral and Brookfield Falcon.

SALE UNDER COVER CATTLE PREGNANCY TESTER ELIGIBLE FOR INTERSTATE

Sale sponsored by
LEBANON COUNTY HOLSTEIN CLUB

Harry H. Bachman-Auctioneer 138 College Ave., Annville, Pa. 17003
717-867-1809 Lic. AU-000033-L
Dale L. Hoover-Pedigrees RD 4 Box 805 Lebanon, Pa. 17042 717-867-2489
GOOD FOOD AVAILABLE ANIMALS CAN BE INSPECTED EVENING BEFORE

Dairy and Livestock Sales

PUBLIC SALE

OF DAIRY CATTLE — FARM EQUIPMENT HORSES & HORSE DRAWN MACHINERY

THURSDAY, AUGUST 30, 1984

10:00 A.M.

LOCATION: Cumberland Co., PA - Farm located along Rt. 641; 3 miles west of Newville and 6 miles east of Newburg. Sale signs posted day of sale.

68 - HEAD OF HOLSTEIN CATTLE - 68

Herd contains of 38 mature cows - many of these cows have or will freshen during the months of June, July, and August with 3 due at sale time. 6 bred heifers, 20 open heifers (yearlings to breeding age). This is a young herd of dairy cattle with good potential - many are 1st, 2nd, & 3rd calf. Cows will be tested and pregnancy checked. 1 registered bull.

SEMEN - 10 units of Harrisburg Gay Ideal, 10 units of Kingway Elevation Very.

EQUIPMENT

N.H. 277 baler (good condition); 2 bottom reset plow for horses; 3 tooth chisel plow; Int. 449 4 row corn planter; Oliver 2 row corn picker; JD disc; Vicon 6 wheel rake; 3 section harrow; Fox harvester (used to blow high moisture corn in silo); JD #300 28 ft. elevator; McCormick binder; 7 ft. ground driven mower; 2 bin wagons; 2 flatbed wagons; 2 heavy duty hydraulic motors; hydraulic unit; 1 regular hydraulic motor; hydraulic lift for equip.; air compressor; 800 gal. water tank; 500 gal. glass lined water tank; forecarts; feed cart; 275 gal. fuel tank; 3 fencers -Bulldozer, solar and battery; utility bulk tank; rabbit pens; wagon load of small items.

LISTER 3 CYLINDER DIESEL — good condition

Small air tools; 3 Universal milker pails with one extra bucket, dumping station.

6 - HORSES - 6

3 smooth mouth horses; 1 6 yr. old gelding; 1 8 yr. old mare; 1 Philly colt.

Order of Sale - small items, equipment, dairy cattle, horses

AUCTIONEERS:
Lamar Sensenig — 532-9160
Melvin Sensenig — 776-5054
LI — AU-001803-L

SALE BY:
JOHN & SADIE ESH
R.D. 2, Box 286
Newville, PA 17241

LUNCH SERVED
NOT RESPONSIBLE FOR ACCIDENTS
I.D. REQUIRED

PUBLIC SALE

TUESDAY, AUGUST 21, 1984

11:00 A.M.

HI GRADE HOLSTEIN HERD SEMEN TANK CATTLE CHUTE SS DISPENSER CANS, ETC.

Located in Dauphin Co. 18 mile North of Harrisburg from Rt. 322 go North on Rt. 225 to Matamoras Road right 1st farm ½ mile North of Camp Hebron.

170 HEAD 100 HEAD MILK COWS 170 HEAD

37 head fresh and springing July thru October, 10 head due Mar. of 85 balance in all stages of lactation, 19 heifers due Sept. thru Feb. 51 heifers calves thru breeding age. All sired by and bred to AI bulls, sires will be identified sale day, 30 day charts heifers and most cows vaccinated, Preg. checked, official DHIA records, 14,681 milk 551 fat 3.8 herd avg., SCC 145,000 animals in good condition exceptionally good udders for this size herd with higher Production potential.

No. 76 - 4 yrs. Projected	21,040M	720 fat
No. 21 - 3 yrs. Projected	17,232M	755 fat
No. 105 - 2 yrs. Projected	16,138M	487 fat

Many more with good record.

BARN EQUIPMENT, CALF HUTCHES

Tox-o-wik Portable cattle chute head gate 3 pt. hitch, Semen tank, ABC straws young bulk. 100 cow chains, 5 stainless steel 10 gal. milk dispensers with cans, 6 SS dispenser cans 5 gal. case of manuel utensil and equip. cleaner, 2 fly foggers, 2 SS carrying pails, livestock belts, for down cattle 16 calf Hutches.

Owners
EARL & EVELYN DELEMEY

Auct. Steve Petersheim
AU-001349-L
717-786-4624

Transportation From Lancaster

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

SAT OCTOBER 13 10 00 A M Annual Fall Heifer Sale at New Holland Sales Stable, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

ANNUAL CONSIGNMENT AUCTION

OF FARM MACHINERY, TRUCKS, TOOLS, & FARM RELATED ITEMS

MONDAY, LABOR DAY, SEPTEMBER 3, 1984

10:00 A.M.

LOCATED at Auction Barn & American Corner, MD. On Highway 621 between Denton & Federalsburg.

For more information or advertising your equipment, call 301-479-0756.

Receiving equipment on Friday, August 31; Saturday, September 1, up to sale time on Monday.

TERMS: Cash or approved check (Letter From Bank) A. Curtis Andrew Auction, Inc.

AUCTIONEERS: Curtis Andrew
Mike Roe

SATURDAY OCTOBER 13 Public Auction of Cabinets, Building Equipment and a Complete Line of 4 Kitchens Aaron & Rebecca Fisher, Owner Steve Petersheim, Auctioneer 717-786-4624

THURS OCTOBER 18 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI OCTOBER 19 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles east of Middleburg, PA , 5 miles west of Selinsgrove PA Don & Walt Keister, Owners Ray Long & Dave Imes, Auctioneers

FRI OCTOBER 19 7 PM Public Auction of State Graded Feeder Cattle Sale Located at the Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

FRI OCTOBER 19 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT OCTOBER 20 Public Auction of 48 Acre Farm, Household Goods, Antiques & Farm Equipment Located between Strasburg and Paradise along Espenshade Rd Amos G & Edna V Hershey, Owners Robert E & Jeffrey R Martin, Auctioneers

TUES OCTOBER 23 7 PM Public sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81 717 249-4511

THURS OCTOBER 25 FRI OCTOBER 26 & SAT OCTOBER 27 Carriage, Sleigh & Antique Auction at Martins Sales Pavilion two miles east of Intercourse, PA , on Rt 340 Martin Auctioneers, Inc P O Box 477 Intercourse, PA

FRI OCTOBER 26 1 30 PM Public Auction Dairy Sale Located at the Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

FRI OCTOBER 26 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT OCTOBER 27 Public Auction of 119 Acre Farm and Improvements Located in Narvon, Rt 2, Salisbury Twp , Lanc Co , PA Verna E Martin, Owner Paul E Martin & John Stauffer, Auctioneers

ABSOLUTE PUBLIC AUCTION

"Selling To the Highest Bidder"

45 Acres of Standing Corn Outstanding Line of Farm Machinery

THURSDAY, AUGUST 30, 1984

10:00 AM SHARP

PEQUEA TOWNSHIP

Located 6 miles south of Lancaster, PA

Take New Danville Pike,
turn east on Penn Grant Road to Church Road
(Next to Pequea Brethren in Christ Church)

45 acres of Beautiful Standing Migrow, PAG, Todd, Decalb Corn

FARM MACHINERY

300 Massey Ferguson Combine w/Corn Head
International 656 Tractor, Ceraham 3 Point Plow
Farmall Super C w/Cultivators & wide front end
Case 400 w/eagle hitch
12 H.P. wheel horse automatic w/Rototiller, Mower
International Disk Harrow
New Holland Baler No. 67
Hamilton Cultipacker
710 3-Bottom auto-matic Semi-mounted Plow
3 Bottom Eagle Hitch Plow for Case 400
70 Bu. Grain Cart, 2 wheeled
Int. Model 449A, 4-row Drill Corn Planter
Ruth Bale Elevator
International Grain Drill
Flatbed Wagon
2 Gravity Bin Wagons w/6 Ton Running Gears
Papec Hammer Mill #13
500 lb. Fairbanks Scale
2 Gas Heaters
Pipe Thread Cutter
Tap n' Die Sets
Tractor Grass Seeder
Hydraulic Jack-5 Ton
Electric International Weed Chopper Fencer
2 Fuel Tanks w/Pumps
Electric Motors
Half-Ton Chain Hoist
Log Chains
¼-Ton Winch Hoist
Big Dutchman Egg Cooler
B.D. Drill w/Press
Farmhand Fan for Combine
Wheelbarrow
Bag Wagons, Fans
Pipe Vise
Table Saw-Craftsman
Work Table w/Vise
Martin Shredder
Charmaster 1 wheel Tractor
1 Little Genius Trailer Plow-14 in
Manure Pump
2 Feed Carts
Portable Pig Poke Shed (for 30 head)
Pit Scraper for Chicken House
Rally Hot Shot Space Heater
Marlow Water Pump
Fire Extinguisher
Minnich Tobacco Press
Water Tank
Walnut Wood
Anvil
3 McCormick Deering Cream Separator

(Also selling for Kenneth T. Bowman)

No. 218 New Idea Manure Spreader
5 Ft. Pull Grass Mower
Wooden Work-type Table w/Drawers
Manual Meat Slicer

HOUSEHOLD ITEMS

4 piece Bedroom Suite
Organ in Piano Case
Old Chest
Coal Stove

Not responsible for omissions & errors on printed material

Auction for
MR. & MRS. PAUL R. BOWMAN
RD #2
Willow Street, Pa. 17584

Auction Conducted by
The J. Omar Landis Auction Service
Jay M. Witman AU001127-L
Box 501, Ephrata, PA 17522
717-627-0789 or 665-5735

Homemade Food by New Danville Menn. Church
"Our Services are Often Copied, But Never Duplicated"

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT OCTOBER 27 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 miles east of Middleburg, PA , 5 miles west of Selinsgrove, PA 'Don & Walt Keister, Owners Ray Long & Dave Imes, Auctioneers

SATURDAY OCTOBER 27 - 11 AM Public Auction of Personal Property and Valuable Real Estate Located in Millcreek Twp , Lebanon Co , PA Along the Stricklerstown Rd. between Cocalico and Newmanstown, PA. From Schaefferstown, PA take Rt 419 north to village of Millbach, approx 5 miles Turn right at church, go to stop sign, turn right approx ¼ mile Turn left (Legislative Rt 38012) go approx 1 mile to intersection Turn right on to Stricklerstown Rd After turning right, go approx ¼ mile to 1st farm on the right 2 miles southwest of Newsmanstown Ralph L Eberly Estate Paul A , Curt W & Hugh L Eberly, Administrators Clayton C Kleinfelter & Sons, Auctioneers

TUES OCTOBER 30 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 I 81, 717 249-4511

WED OCTOBER 31 12 Noon Annual Dairy Show and Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

NOVEMBER

FRI. NOVEMBER 2 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI NOVEMBER 2 - 6 PM Public Auction of a Special Heifer Sale Selling 250 - 300 Heifers Some registered, Open, Bred and Springing Heifers Located at the Belleville Livestock Market, Belleville, PA Mark Glick, Auctioneer

FRI NOVEMBER 2 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

TUES NOVEMBER 6 - 7 30 PM Public Auction Feeder sale with Weekly Sale. Located at the Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

FRI NOVEMBER 9 - 9 00 A M Public Sale of Farm Equipment at New Holland Sales Stable, Inc Located 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

FRI NOVEMBER 9 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI NOVEMBER 9 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

THURS NOVEMBER 15 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI NOVEMBER 16 - 6:30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 miles east of Middleburg, PA , 5 miles west of Selinsgrove, PA. Don & Walt Keister, Owners. Ray Long & Dave Imes, Auctioneers.

FRI. NOVEMBER 16 - 5.30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT NOVEMBER 17 - 9 30 AM Public Auction of an 85 acre Dairy farm, ready to operate 1 PM Also selling Farm Machinery Located 1½ miles south of Gap Christian K Lapp Estate Naomi F Lapp & Thomas C Lapp, Executors For inspection of farm 717-442-4452 or 442-8501 Steve Petersheim, Auctioneer - 786-4624

SATURDAY NOVEMBER 17 - Public Auction of an 85 Acre Dairy Farm, Farm Machinery Located 2 miles south of Gap, PA Christ Lapp Estate Steve Petersheim, Auctioneer 717-786-4624

FRI. NOVEMBER 23 - 1.30 PM Public Auction Dairy Sale. Located at the Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer.

SAT. NOVEMBER 24 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 miles east of Middleburg, PA., 5 miles west of Selinsgrove, PA Don & Walt Keister, Owners Ray Long & Dave Imes, Auctioneers

DECEMBER

FRI DECEMBER 7 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI. DECEMBER 14 - 1:30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market Inc

THURS DECEMBER 20 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co.

JANUARY

TUES JANUARY 1 - 7 30 PM Public Auction of Weekly Sales Located at the Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

Dairy and Livestock Sales

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

COMPLETE DAIRY HERD DISPERSAL

TUESDAY EVENING, AUGUST 28, 1984
7:00 P.M. Sharp!
Located in Cumberland County on Park Drive Road between Mt. Holly Springs and Boiling Springs, 1 mile southwest of Boiling Springs:

100 HEAD HOLSTEINS 100
10 Registered Animals - Balance I.D. Grades.
D.H.I.A. Average 18,014m 688fat.
This herd was High Herd in Cumberland Co. for 3 Years.
Individual Records to 25,000m 900fat
All cattle are calfhood vaccinated.
45 mature animals on test, 14 springing first-calf heifers of which some will be fresh by sale time;
13 breeding age heifers, balance are yearlings and calves.
"There are several 2 year olds in this herd making over 20,000 this lactation!"
15 head in the herd have been fresh July and August - 15 head due September, October, and November.
This is a Base Milk Herd.
Atlantic bred and sired - Top sires used.
Also some are bred to a young sire from Huntsdale Stock Farms.

Certified & Accredited
Pregnancy Checked
Calfhood Vaccinated

Sale Managed By:
KLING'S AUCTION SERVICE
R D 1, Landisburg, PA 17040
tel 717-789-3883

FERMAN L. LANDIS, Owner
132 Park Drive
Boiling Springs, Pa.
717-258-6776

License No. AU-000500-L
Mark Naugle, Pedigrees

Auct. Note: This is a very top herd of young animals with the ability to produce bred in them. They have the quality that everyone wants. Very seldom do you have the opportunity to buy registered and I.D. grade animals of this caliber. The reason for auction is owner is retiring from dairying. Don't be late - starting at 7:00 p.m. sharp!

Art Kling, Auctioneer

DAIRY HERD DISPERSAL

At the Belleville Livestock Mkt., Belleville, Pa.

WEDNESDAY, AUG. 22, 1984
At 1:00 P.M.

A local herd of 50 good holstein milk cows in all stages of lactations will be sold along with our regular dairy sale.

BELLEVILLE LIVESTOCK MKT., INC.
717-935-2146

HARRY RUDNICK & SONS, INC.
Livestock sales every Tuesday at Galena, Md.

TUESDAY, AUGUST 21, 1984
at 7:00 p.m.
50 HOLSTEIN COWS & HEIFERS 50

Complete dispersal of Dairy Herd and bred heifers....10 or more cows will be just fresh....about 15 are dry or close springers....balance in full flow of milk....pregnancy tested....The cows are in good condition and are bred to the herd sire 2½ years of age and selling. Also a yearling bull....5 bred heifers due for fall and winter production.

T.B. and bangs accredited, retested for sale and eligible for out of state shipment. (Milk is being shipped to Phila. market)

Herd consigned by RAYMOND F. BURRIS of Odessa, Del.

Sale being held at
"RUDNICK'S DAIRY BARN"
Route 213
GALENA, MARYLAND
Sale starts promptly at 7:00 p.m.

BERKS COUNTY HOLSTEIN CLUB SALE

At the facilities behind Fairgrounds Mall, Reading, Pa. One mile northeast of Reading between Route 61 and Route 222. (Old Reading Fairgrounds).

WEDNESDAY EVENING, AUGUST 29
7:30 P.M.

45 Selected Registered Holsteins 45

Featuring daughters of the breed's most popular sires: Valiant, Pete, Astronaut, Bell, Tradition, Jet Stream, and others.

Fine Group of Fresh Young Cows Like:

- Fresh Pete from VG-86 Chief with 20,000M and 888F. Gr'dam GP-82 with up to 26,478M and 927F. Consigned by RAY E. BICKSLER
- Fresh Valiant that has a VG full sister. Dam is a GP-81 Elevation that has 23,173M and 767F. Consigned by BENDY-BROOK FARM
- Fresh Wagnerscrest Ivanhoe Astronaut from VG-88 dam that has 3 times 30,000M and 1,000 F. Consigned by CARL J. YODER
- Fresh Bell from VG-87 dam with 19,000M. Gr'dam GP-83 with 19,990M and 670F. Consigned by GALEN CROUSE

Outstanding Bred Heifers

- Astronaut due September to Pete. Dam a VG Jet Stream with 20,000M, next dam VG-87 with 955F. Consigned by ROTHROCK GOLDEN HOLSTEINS.
- Pete due October to Valiant. Dam VG-87 with 3 records over 20,000M. Consigned by DENNIS SATTAZAHN
- Job from 2E-93 dam with 29,650M and 1,053F. Next 2 dams VG-89 GMD with 20,000M. Due September to Chairman. Consigned by KEYSTONE FARM
- Tradition from VG Jet Stream with 22,000M and 838F, due October to Arrow. Consigned by RICHARD TROUTMAN & SONS
- Jemini from VG dam that has over 22,000M and 740F. Due in October to Standard Consigned by ALTON ROHRBACH

Dams with records to 33,450M and 1137F
Many from VG & EX dams and grandams

A great opportunity to invest in quality Berks County Holsteins. Sponsored by Berks County Holstein Club.

Sale Manager
REMSBURG SALE SERVICE
P.O. Box 177
Jefferson, Md. 21755
Ph. 301-473-8214
Auct. Lic. AU-000758-L

Sale Chairman
DEAN HARTMAN
Rt 9, Box 9310-A
Reading, Pa 19605
Ph 215 372-4766

AUCTIONEER'S DIRECTORY

NOTICE
To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

C.H. WOLGEMUTH
RD #2, MANHEIM, PA
AUCTIONEER
Member of
COMPLETE AUCTION SERVICE
CALL
717-665-5664

KLINE & KREIDER AUCTIONEERS
COMPLETE PROFESSIONAL AUCTION SERVICE
REAL ESTATE — FARMS & RESIDENTIAL
PERSONAL PROPERTY — ANTIQUES — FARM STOCK SALES — LIQUIDATIONS

RANDAL V. KLINE
AUCTIONEER REALTOR
717 733 1006
717 569 8701

LLOYD H. KREIDER
AUCTIONEER
717 786 3394

PROFESSIONAL Auctioneering

PAUL E. MARTIN
R.D. 1, Box 553
Stevens, Pa. 17578

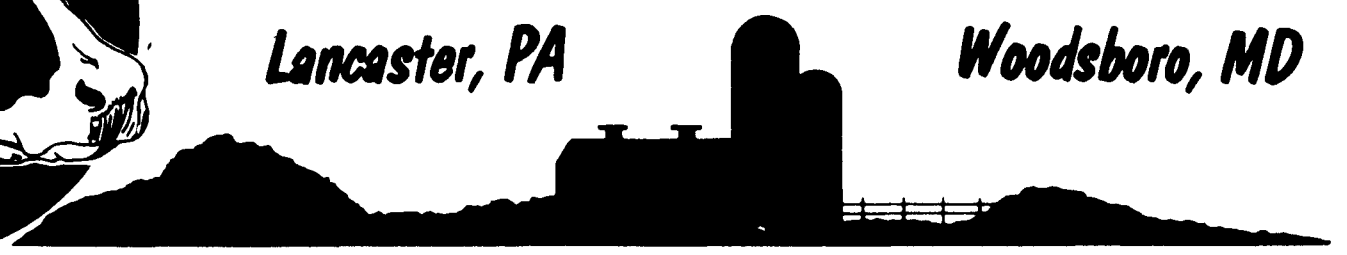
JOHN D. STAUFFER
217 Andrea Dr.
Lititz, Pa. 17543

Complete Auction Service We assist you and advise you from the planning stages of your auction to the completion of your auction

For A Consultation In Your Home Call
Paul (717) 733 3511 — John (717) 665-5099
Licensed and Bonded

MELVIN KOLB, INC.

Lancaster, PA — Woodsboro, MD



Quality Dairy Cows and Heifers On Hand At Both Farms

- Purebred Fresh Cows
- Purebred Springing Cows
- Grade Fresh Cows
- Grade Springing Cows
- Purebred Fresh Heifers
- Purebred Springing Heifers
- Grade Fresh Heifers
- Grade Close Springing Heifers
- Short Bred Heifers
- Open Heifers
- Purebred Stock Bulls
- Grade Stock Bulls
- Purebred and Grade Heifer Calves

• PRIVATE SALES DAILY • PUBLIC SALES MONTHLY •

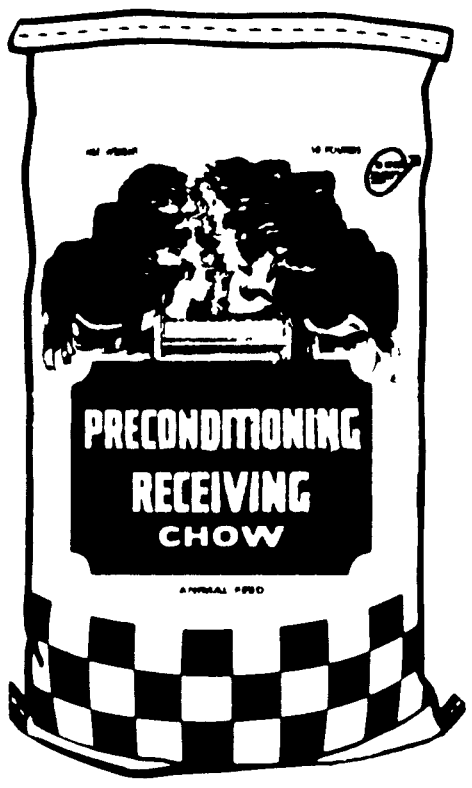
LANCASTER, PA.
717-569-6800/2106
NEXT SALE 150 Head
Sept. 6 7:30 P.M.

WOODSBORO, MD
301-898-7720/5525
NEXT SALE 150 Head
Sept. 20 7:30 P.M.

BEEF UP Your Production

• REDUCE STRESS • ON ARRIVAL!

PURINA PRECONDITIONING/RECEIVING CHOW



Upon feedlot arrival, place your shipped-in calves on Preconditioning/Receiving Chow and a sound management program for 21-28 days. And gain all these advantages:

YOU WORRY LESS ABOUT STRESS, DISEASE AND DEATH.

Properly medicated ration fights low-level infections in newly arrived calves Reduces health problems common after long hours of shipping. Can cut the number of calves you treat to only 3.5-4.0%, not up to 25-30% as non-preconditioned calves. And that saves you medication and veterinary costs. Also proven to cut down death loss to only 0.16% - not up to 2-3% as non-preconditioned calves, according to research.*

Getting cattle started right is just as important as selling them when they're ready. Death losses or chronically sick cattle can take a lot of profit out of feeding cattle. That's why we recommend buying sound cattle, giving them appropriate vaccinations and health treatments and feeding them a ration specifically designed for starting cattle. Preconditioning/Receiving Chow® brand ration is one part of an overall Purina starting program. It's a disease fighting, gain building feed you can count on. The high palatability, nutrition and medication in Preconditioning/Receiving Chow helps overcome the stresses of shipping, disease exposure, and new surroundings.

WHY IS THIS PRODUCT A SUCCESS? RESULTS!

Central Region - 1980 - 83 Results
300 Test - 7 States

Number of Head	22,416
Average Starting Weight	488
Average Ending Weight	529
Average Total Gain	61
Average Days on Feed	22
Average Daily Gain	2.7
Average Feed/lb. of Gain	4.99

For animals placed in the feedlot at 700-800 lbs. feed for 14 days..... And get them off to a quick start! Call Your Purina dealer today for further information on our NEW Feedlot Program!

* Based on research conducted at Iowa State University and "calf evaluation reports" through the University of Minnesota Beef Extension Veterinary Dept

LEAN ON PURINA...IT PAYS.

HESS MILLS
PHONE 717 442 4183
PARADISE PA 17562

HIGH BROS.
PHONE 717 354 0301
GORDONVILLE PA 7529

K & K FEED, INC.
PHONE 717 866 2324
23 N PARK ST RICHLAND PA 17087

UMBERGER'S OF FONTANA
PHONE 717 867 5161
FONTANA PA 17042

KEYSTONE MILLS
John B. Kurtz
PHONE 717-354-4616 717 738-4251
RD3 EPHRATA PA 17522

HESS MILLS
PHONE 215 347 2377
RT 82 UNIONVILLE PA 19375

THE PURINA PROGRAM
Good Breeding | Sound Management
Careful Sanitation | Good Feeding
FOR GOOD PRODUCTION

DAVIS FEED MILLS
PHONE 215 257 4613
PERKASIE PA 18944
PHONE 215 598 3324
RUSHLAND PA 18956

WOODSTOWN ICE & COAL CO.
PHONE 609 769-0069
WOODSTOWN N J 08098

SOUTHERN DIVISION
West Willow Farmers Assoc Inc
PHONE 717 529 2113
RTE 472 AT UNION PA
RD 1 OXFORD PA 19363

WEST WILLOW FARMERS ASSN., INC.
PHONE 717 464 3386
WEST WILLOW PA 17583